

## Aws Certified Big Data Specialty Exam Practice Questions

This New Book has been fully updated for the new AWS Certified Data Analytics -Specialty DAS-C01 exam. Happy learning! The AWS Certified Data Analytics Specialty Exam is one of the most challenging certification exams you can take from Amazon. Passing it tells employers in no uncertain terms that your knowledge of big data systems is wide and deep. But even experienced technologists need to prepare heavily for this exam. This course sets you up for success, by covering all of the big data technologies on the exam and how they fit together. Throughout the Book, you'll have lots of opportunities to reinforce your learning with hands-on practice exam that's very similar to the real exam in difficulty, length, and style - so you'll know if you're ready before you invest in taking it. We'll also arm you with some valuable test-taking tips and strategies along the way. Data analytics is an advanced certification, and it's best tackled by students who have already obtained associate-level certification in AWS and have some real-world industry experience. This exam is not intended for AWS beginners. You want to go into the AWS Certified Data Analytics Specialty Exam with confidence, and that's what this course delivers. Hit the enroll button, and we're excited to see you in the course... and ultimately to see you get your certification! Welcome

The AWS Certified Machine Learning Specialty 2020 Certification Guide covers everything you need to pass the MLS-C01 certification exam and serves as a handy, on-the-job reference guide. You'll also find the book useful if you're looking to get up to speed with AWS services for machine learning.

4+ Hours of Video Instruction Overview There is a rapid evolution occurring in machine learning with tools like AutoML that basically automate many of the tedious aspects of machine learning and allow developers to focus on getting results into production. Noah Gift illustrates just now to harness this technology and deploy it successfully on Google Cloud Platform, demonstrating for developers how to employ the current best practices and automated tools to create analytics applications that solve real-world problems. Developers who want to take their Data Science skills to the next level and build AutoML applications in the Cloud will benefit from this unique course, as they learn how to use AutoML, Big Query, Python, and Google App Engine to create sophisticated AI. Description Cloud AutoML is a suite of machine learning products that enables developers with limited machine learning expertise to train high-quality models specific to their business needs. It relies on Google's state-of-the-art transfer learning and neural architecture search technology. Developers use Cloud AutoML's graphical user interface to train, evaluate, improve, and deploy models based on their data. This LiveLesson covers programming components essential to the development of AI and Analytics applications. The focus is on building real-world software engineering applications on the Google Cloud Platform. Several emerging technologies are used to demonstrate the process, including AutoML and Google BigQuery. The Python language is used throughout the course, as Python is becoming the de facto standard language for AI application development in the cloud. Download the supplemental files for this LiveLesson from <http://www.informit.com/store/building-ai-applications-on-google-cloud-platform-livelessons-9780135973509> . About the Instructor Noah Gift is a lecturer at the UC Davis Graduate School of Management, MSBA program, the Graduate Data Science program, MSDS, at Northwestern and the Graduate Information and Data Science Program at UC Berkeley. He is teaching and designing graduate machine learning, AI, Data Science, and Cloud Architecture courses. These responsibilities include leading a multi-cloud certification initiative for students. Noah is a Python Software Foundation Fellow, AWS Subject Matter Expert (SME) on Machine Learning, AWS Certified Solutions Architect, AWS Certified Big Data-Specialist, AWS

Certified Machine Learning-Specialist, AWS Academy Accredited I...

Get to grips with the fundamentals of cloud security and prepare for the AWS Security Specialty exam with the help of this comprehensive certification guide

**Key Features** Learn the fundamentals of security with this fast-paced guide Develop modern cloud security skills to build effective security solutions Answer practice questions and take mock tests to pass the exam with confidence

**Book Description** AWS Certified Security – Specialty is a certification exam to validate your expertise in advanced cloud security. With an ever-increasing demand for AWS security skills in the cloud market, this certification can help you advance in your career. This book helps you prepare for the exam and gain certification by guiding you through building complex security solutions. From understanding the AWS shared responsibility model and identity and access management to implementing access management best practices, you'll gradually build on your skills. The book will also delve into securing instances and the principles of securing VPC infrastructure. Covering security threats, vulnerabilities, and attacks such as the DDoS attack, you'll discover how to mitigate these at different layers. You'll then cover compliance and learn how to use AWS to audit and govern infrastructure, as well as to focus on monitoring your environment by implementing logging mechanisms and tracking data. Later, you'll explore how to implement data encryption as you get hands-on with securing a live environment. Finally, you'll discover security best practices that will assist you in making critical decisions relating to cost, security, and deployment complexity. By the end of this AWS security book, you'll have the skills to pass the exam and design secure AWS solutions.

**What you will learn** Understand how to identify and mitigate security incidents Assign appropriate Amazon Web Services (AWS) resources to underpin security requirements Work with the AWS shared responsibility model Secure your AWS public cloud in different layers of cloud computing Discover how to implement authentication through federated and mobile access Monitor and log tasks effectively using AWS Who this book is for If you are a system administrator or a security professional looking to get AWS security certification, this book is for you. Prior experience in securing cloud environments is necessary to get the most out of this AWS book.

An effective guide to becoming an AWS Certified SysOps Administrator

**Key Features** Not only pass the certification with confidence but also enhance your skills to solving real-world scenarios. A practical guide to getting you hands-on experience with application management, deployment, operation. Enhance your AWS skills with practice questions and mock tests.

**Book Description** AWS certifications are becoming one of the must have certifications for any IT professional working on an AWS Cloud platform. This book will act as your one stop preparation guide to validate your technical expertise in deployment, management, and operations on the AWS platform. Along with exam specific content this book will also deep dive into real world scenarios and hands-on instructions. This book will revolve around concepts like teaching you to deploy, manage, and operate scalable, highly available, and fault tolerant systems on AWS. You will also learn to migrate an existing on-premises application to AWS. You get hands-on experience in selecting the appropriate AWS service based on compute, data, or security requirements. This book will also get you well versed with estimating AWS usage costs and identifying operational cost control mechanisms. By the end of this book, you will be all prepared to implement and manage resources efficiently on the AWS cloud along with confidently passing the AWS Certified SysOps Administrator – Associate exam.

**What you will learn** Create and manage users, groups, and permissions using AWS IAM services Create a secure VPC with public and private subnets, Network Access Control, and security groups Get started with launching your first EC2 instance, and working with it Handle application traffic with ELB and monitor AWS resources with CloudWatch Work with S3, Glacier, and CloudFront Work across distributed application components using SWF Understand event-based processing with Lambda and messaging SQS and SNS in AWS Get familiar with AWS deployment concepts and tools including Elastic Beanstalk,

CloudFormation and AWS OpsWorks Who this book is for If you are a system administrator or a system engineer interested in leveraging the AWS platform to deploy applications then, this book is for you. IT professionals interested in passing the AWS Certified Sysops Administrator will also benefit from this book. Some basic understanding of working AWS components would do wonders.

Ce nouveau livre a été entièrement mis à jour pour le nouvel examen AWS Certified Data Analytics -Specialty DAS-C01. Bon apprentissage! L'examen de spécialité AWS Certified Data Analytics est l'un des examens de certification les plus difficiles que vous puissiez passer d'Amazon. L'adopter indique clairement aux employeurs que votre connaissance des systèmes de Big Data est large et approfondie. Mais même les technologues expérimentés doivent se préparer sérieusement à cet examen. Ce cours vous prépare à la réussite, en couvrant toutes les technologies Big Data de l'examen et leur intégration. Tout au long du livre, vous aurez de nombreuses opportunités de renforcer votre apprentissage avec un examen pratique très similaire au véritable examen en termes de difficulté, de longueur et de style - vous saurez donc si vous êtes prêt avant d'investir dans le prendre. Nous vous fournirons également de précieux conseils et stratégies pour passer des tests en cours de route. L'analyse de données est une certification avancée, et il est préférable de s'y attaquer par des étudiants qui ont déjà obtenu une certification de niveau associé dans AWS et qui ont une expérience concrète du secteur. Cet examen n'est pas destiné aux débutants AWS. Vous voulez passer l'examen de spécialité AWS Certified Data Analytics en toute confiance, et c'est ce que propose ce cours. Bienvenue!

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Data Analytics Study Guide to give you the same experience working in these labs as you prepare for the Certified Data Analytics Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Data Analyst. AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam is intended for individuals who perform in a data analytics-focused role. This UPDATED exam validates an examinee's comprehensive understanding of using AWS services to design, build, secure, and maintain analytics solutions that provide insight from data. It assesses an examinee's ability to define AWS data analytics services and understand how they integrate with each other; and explain how AWS data analytics services fit in the data lifecycle of collection, storage, processing, and visualization. The book focuses on the following domains: • Collection • Storage and Data Management • Processing • Analysis and Visualization • Data Security This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS is the frontrunner in cloud computing products and services, and the AWS Certified Data Analytics Study Guide: Specialty exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, and much more. Written by an AWS subject-matter expert, this study guide covers exam concepts, and provides key review on exam topics. Readers will also have access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, a glossary of key terms, and electronic flashcards. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months of unlimited access to XtremeLabs AWS Certified Data Analytics Labs with 3 unique lab modules based on the book.

Develop technical skills and expertise to automate AWS networking tasks Key Features A fast paced guide that will help you pass the exam with confidence Learn advanced skill sets to build effective AWS networking solutions Enhance your AWS skills with practice exercises and mock tests Book Description Amazon has recently come up with specialty certifications which validates a

particular user's expertise that he/she would want to build a career in. Since the Cloud market now demands of AWS networking skills this becomes the most wanted certification to uphold ones industry portfolio. This book would be your ideal companion to getting skilled with complex and creative networking solutions. Cloud practitioners or associate-level certified individuals interested in validating advanced skills in networking can opt for this practical guide. This book will include topics that will help you design and implement AWS and hybrid IT network architectures along with some network automation tasks. You will also delve deep into topics that will help you design and maintain network architecture for all AWS services. Like most of our certification guides this book will also follow a unique approach of testing your learning with chapter-level practice exercises and certification-based mock tests. The exam mock tests will help you gauge whether you are ready to take the certification exam or not. This book will also be an advanced guide for networking professionals to enhance their networking skills and get certified. By the end of this book, you will be all equipped with AWS networking concepts and techniques and will have mastered core architectural best practices. What you will learn Formulate solution plans and provide guidance on AWS architecture best practices Design and deploy scalable, highly available, and fault-tolerant systems on AWS Identify the tools required to replicate an on-premises network in AWS Analyze the access and egress of data to and from AWS Select the appropriate AWS service based on data, compute, database, or security requirements Estimate AWS costs and identify cost control mechanisms Who this book is for If you are a system administrator, or a network engineer interested in getting certified with an advanced Cloud networking certification then this book is for you. Prior experience in Cloud administration and networking would be necessary.

Move your career forward with AWS certification! Prepare for the AWS Certified Data Analytics Specialty Exam with this thorough study guide This comprehensive study guide will help assess your technical skills and prepare for the updated AWS Certified Data Analytics exam. Earning this AWS certification will confirm your expertise in designing and implementing AWS services to derive value from data. The AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam is designed for business analysts and IT professionals who perform complex Big Data analyses. This AWS Specialty Exam guide gets you ready for certification testing with expert content, real-world knowledge, key exam concepts, and topic reviews. Gain confidence by studying the subject areas and working through the practice questions. Big data concepts covered in the guide include: Collection Storage Processing Analysis Visualization Data security AWS certifications allow professionals to demonstrate skills related to leading Amazon Web Services technology. The AWS Certified Data Analytics Specialty (DAS-C01) Exam specifically evaluates your ability to design and maintain Big Data, leverage tools to automate data analysis, and implement AWS Big Data services according to architectural best practices. An exam study guide can help you feel more prepared about taking an AWS certification test and advancing your professional career. In addition to the guide's content, you'll have access to an online learning environment and test bank that offers practice exams, a glossary, and electronic flashcards.

Get prepared for the AWS Certified Security Specialty certification with this excellent resource By earning the AWS Certified Security Specialty certification, IT professionals can gain valuable recognition as cloud security experts. The AWS Certified

Security Study Guide: Specialty (SCS-C01) Exam helps cloud security practitioners prepare for success on the certification exam. It's also an excellent reference for professionals, covering security best practices and the implementation of security features for clients or employers. Architects and engineers with knowledge of cloud computing architectures will find significant value in this book, which offers guidance on primary security threats and defense principles. Amazon Web Services security controls and tools are explained through real-world scenarios. These examples demonstrate how professionals can design, build, and operate secure cloud environments that run modern applications. The study guide serves as a primary source for those who are ready to apply their skills and seek certification. It addresses how cybersecurity can be improved using the AWS cloud and its native security services. Readers will benefit from detailed coverage of AWS Certified Security Specialty Exam topics. Covers all AWS Certified Security Specialty exam topics Explains AWS cybersecurity techniques and incident response Covers logging and monitoring using the Amazon cloud Examines infrastructure security Describes access management and data protection With a single study resource, you can learn how to enhance security through the automation, troubleshooting, and development integration capabilities available with cloud computing. You will also discover services and tools to develop security plans that work in sync with cloud adoption.

Data Science and Big Data Analytics is about harnessing the power of data for new insights. The book covers the breadth of activities and methods and tools that Data Scientists use. The content focuses on concepts, principles and practical applications that are applicable to any industry and technology environment, and the learning is supported and explained with examples that you can replicate using open-source software. This book will help you: Become a contributor on a data science team Deploy a structured lifecycle approach to data analytics problems Apply appropriate analytic techniques and tools to analyzing big data Learn how to tell a compelling story with data to drive business action Prepare for EMC Proven Professional Data Science Certification Corresponding data sets are available at [www.wiley.com/go/9781118876138](http://www.wiley.com/go/9781118876138). Get started discovering, analyzing, visualizing, and presenting data in a meaningful way today!

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Comprehensive, hands-on AWS Big Data Certification prep, including a practice exam! About This Video Explore Kinesis, EMR, DynamoDB, Redshift, and more Get well-versed with the core concepts necessary to work with AWS big data In Detail The AWS Certified Big Data Specialty exam is one of the most challenging certification exams you can take from Amazon. Achieving this certification validates your knowledge of big data systems. But even experienced technologists need to prepare heavily for this exam. This course sets you up for success by taking you through all the big data technologies covered in the exam and explaining how they fit together. Best-selling instructors Frank Kane and Stéphane Maarek have teamed up to deliver the most comprehensive and hands-on prep course yet. Together, they've taught over 300,000 people around the world. This course combines Stéphane's knowledge of AWS with Frank's experience in big data, gleaned during his 9-year career at Amazon. Both Frank and Stéphane have passed the exam themselves on the first try. The world of big data on AWS includes a dizzying array of

technologies and services. This course covers the following topics in depth: Streaming massive data with AWS Kinesis Queuing messages with Simple Queue Service (SQS) Wrangling explosion data from the Internet of Things (IoT) Transitioning from small to big data with the AWS Database Migration Service (DMS) Storing massive data lakes with the Simple Storage Service (S3) Optimizing transactional queries with DynamoDB Applying neural networks at massive scale with Deep Learning, MXNet, and TensorFlow Applying advanced machine learning algorithms at scale with Amazon SageMaker Analyzing streaming data in real time with Kinesis Analytics Searching and analyzing petabyte-scale data with Amazon Elasticsearch Service Querying S3 data lakes with Amazon Athena Hosting large-scale data warehouses with Redshift and Redshift Spectrum Integrating smaller data with your big data using the Relational Database Service (RDS) and Aurora Visualizing your data interactively with Quicksight Keeping your data secure with encryption, KMS, HSM, IAM, Cognito, STS, and more Big data is an advanced certification, and it's best suited for anyone who has already obtained associate-level certification in AWS and has some data analytics experience. Downloading the example code for this course: You can download the example code files for this course on GitHub at the following link: [http...](http://)

Learn from the AWS subject-matter experts, explore real-world scenarios, and pass the AWS Certified Developer – Associate exam Key Features This fast-paced guide will help you clear the AWS Certified Developer – Associate (DVA-C01) exam with confidence Gain valuable insights to design, develop, and deploy cloud-based solutions using AWS Develop expert core AWS skills with practice questions and mock tests Book Description This book will focus on the revised version of AWS Certified Developer Associate exam. The 2019 version of this exam guide includes all the recent services and offerings from Amazon that benefits developers. AWS Certified Developer - Associate Guide starts with a quick introduction to AWS and the prerequisites to get you started. Then, this book will describe about getting familiar with Identity and Access Management (IAM) along with Virtual private cloud (VPC). Next, this book will teach you about microservices, serverless architecture, security best practices, advanced deployment methods and more. Going ahead we will take you through AWS DynamoDB A NoSQL Database Service, Amazon Simple Queue Service (SQS) and CloudFormation Overview. Lastly, this book will help understand Elastic Beanstalk and will also walk you through AWS lambda. At the end of this book, we will cover enough topics, tips and tricks along with mock tests for you to be able to pass the AWS Certified Developer - Associate exam and develop as well as manage your applications on the AWS platform. What you will learn Create and manage users, groups, and permissions using AWS IAM services Create a secured VPC with Public and Private Subnets, NAC, and Security groups Launching your first EC2 instance, and working with it Handle application traffic with ELB and monitor AWS resources with CloudWatch Work with AWS storage services such as S3, Glacier, and CloudFront Get acquainted with AWS DynamoDB a NoSQL database service Use SWS to coordinate work across distributed application components Who this book is for This book is for IT professionals and developers looking to clear the AWS Certified Developer Associate 2019 exam. Developers looking to develop and manage their applications on the AWS platform will also find this book useful. No prior AWS experience is needed.

This Workbook is developed by multiple engineers that are specialized in different fields e.g. Big Data, Cloud, Information Security, Networking etc. Each of these engineers has developed content in his/her field of specialization, therefore, this training guide provides an in-depth understanding and complete course material to pass the AWS Certified Big Data - Specialty Exam. The workbook is designed to develop a practical approach to learn real-life examples and case studies.

A crisis can represent the ideal time to learn new skills and switch industries. The world of the future will be built on information technology (IT). Luckily, it is possible for anyone to change industries and start working in IT. After reading this book, you will understand: - how IT departments are organized; and - how to land the best job for you and then develop your career. - that there are loads of IT roles you probably didn't know about; - the skills needed for the different roles; - the likely futures of the different available roles; - how to start working in IT; - that you don't have to be a programmer to work in IT; - that you don't have to complete your studies to get a job in IT; In this book, you will find the answers to the following questions: - Does it make sense to change careers and start working in IT? - Do you have to be a genius to work in IT? - How does the IT industry work? - What departments and roles are available in the IT industry? Many people imagine working in IT to involve programming, testing, or the provision of general help to users. They do not realize how vast the departments that deal with the maintenance of IT systems are or how many employees with various specializations work in such departments. In fact, there are jobs available in IT for almost everyone.

Overcome advanced challenges in building end-to-end ML solutions by leveraging the capabilities of Amazon SageMaker for developing and integrating ML models into production Key Features Learn best practices for all phases of building machine learning solutions - from data preparation to monitoring models in production Automate end-to-end machine learning workflows with Amazon SageMaker and related AWS Design, architect, and operate machine learning workloads in the AWS Cloud Book Description Amazon SageMaker is a fully managed AWS service that provides the ability to build, train, deploy, and monitor machine learning models. The book begins with a high-level overview of Amazon SageMaker capabilities that map to the various phases of the machine learning process to help set the right foundation. You'll learn efficient tactics to address data science challenges such as processing data at scale, data preparation, connecting to big data pipelines, identifying data bias, running A/B tests, and model explainability using Amazon SageMaker. As you advance, you'll understand how you can tackle the challenge of training at scale, including how to use large data sets while saving costs, monitoring training resources to identify bottlenecks, speeding up long training jobs, and tracking multiple models trained for a common goal. Moving ahead, you'll find out how you can integrate Amazon SageMaker with other AWS to build reliable, cost-optimized, and automated machine learning applications. In addition to this, you'll build ML pipelines integrated with MLOps principles and apply best practices to build secure and performant solutions. By the end of the book, you'll confidently be able to apply Amazon SageMaker's wide range of capabilities to the full spectrum of machine learning workflows. What you will learn Perform data bias detection with AWS Data Wrangler and SageMaker Clarify Speed up data processing with SageMaker Feature Store Overcome labeling bias with SageMaker Ground

Truth Improve training time with the monitoring and profiling capabilities of SageMaker Debugger Address the challenge of model deployment automation with CI/CD using the SageMaker model registry Explore SageMaker Neo for model optimization Implement data and model quality monitoring with Amazon Model Monitor Improve training time and reduce costs with SageMaker data and model parallelism Who this book is for This book is for expert data scientists responsible for building machine learning applications using Amazon SageMaker. Working knowledge of Amazon SageMaker, machine learning, deep learning, and experience using Jupyter Notebooks and Python is expected. Basic knowledge of AWS related to data, security, and monitoring will help you make the most of the book.

Apply cloud design patterns to overcome real-world challenges by building scalable, secure, highly available, and cost-effective solutions Key Features Apply AWS Well-Architected Framework concepts to common real-world use cases Understand how to select AWS patterns and architectures that are best suited to your needs Ensure the security and stability of a solution without impacting cost or performance Book Description One of the most popular cloud platforms in the world, Amazon Web Services (AWS) offers hundreds of services with thousands of features to help you build scalable cloud solutions; however, it can be overwhelming to navigate the vast number of services and decide which ones best suit your requirements. Whether you are an application architect, enterprise architect, developer, or operations engineer, this book will take you through AWS architectural patterns and guide you in selecting the most appropriate services for your projects. AWS for Solutions Architects is a comprehensive guide that covers the essential concepts that you need to know for designing well-architected AWS solutions that solve the challenges organizations face daily. You'll get to grips with AWS architectural principles and patterns by implementing best practices and recommended techniques for real-world use cases. The book will show you how to enhance operational efficiency, security, reliability, performance, and cost-effectiveness using real-world examples. By the end of this AWS book, you'll have gained a clear understanding of how to design AWS architectures using the most appropriate services to meet your organization's technological and business requirements. What you will learn Rationalize the selection of AWS as the right cloud provider for your organization Choose the most appropriate service from AWS for a particular use case or project Implement change and operations management Find out the right resource type and size to balance performance and efficiency Discover how to mitigate risk and enforce security, authentication, and authorization Identify common business scenarios and select the right reference architectures for them Who this book is for This book is for application and enterprise architects, developers, and operations engineers who want to become well-versed with AWS architectural patterns, best practices, and advanced techniques to build scalable, secure, highly available, and cost-effective solutions in the cloud. Although existing AWS users will find this book most useful, it will also help potential users understand how leveraging AWS can benefit their organization.

This New Book has been fully updated for the new AWS Certified Data Analytics -Specialty DAS-C01 exam. Happy learning!The AWS Certified Data Analytics Specialty Exam is one of the most challenging certification exams you can take from Amazon. Passing it tells employers in no uncertain terms that your knowledge of big data systems is wide and deep. But even experienced



technologists need to prepare heavily for this exam. This course sets you up for success, by covering all of the big data technologies on the exam and how they fit together. Throughout the Book, you'll have lots of opportunities to reinforce your learning with hands-on practice exam that's very similar to the real exam in difficulty, length, and style - so you'll know if you're ready before you invest in taking it. We'll also arm you with some valuable test-taking tips and strategies along the way. Data analytics is an advanced certification, and it's best tackled by students who have already obtained associate-level certification in AWS and have some real-world industry experience. This exam is not intended for AWS beginners. You want to go into the AWS Certified Data Analytics Specialty Exam with confidence, and that's what this course delivers. Hit the enroll button, and we're excited to see you in the course... and ultimately to see you get your certification! Welcome!

Ce nouveau livre a été entièrement mis à jour pour le nouvel examen AWS Certified Data Analytics -Specialty DAS-C01. L'examen de spécialité AWS Certified Data Analytics est l'un des examens de certification les plus difficiles que vous puissiez passer d'Amazon. L'adopter indique clairement aux employeurs que votre connaissance des systèmes de Big Data est large et approfondie. Mais même les technologues expérimentés doivent se préparer sérieusement à cet examen. Ce livre vous prépare à la réussite, en couvrant toutes les technologies Big Data de l'examen et leur intégration. Tout au long du livre, vous aurez de nombreuses opportunités de renforcer votre apprentissage avec un examen pratique très similaire au véritable examen en termes de difficulté, de longueur et de style - vous saurez donc si vous êtes prêt avant d'investir dans le prendre. Nous vous fournirons également de précieux conseils et stratégies pour passer des tests en cours de route. L'analyse de données est une certification avancée, et il est préférable de s'y attaquer par des étudiants qui ont déjà obtenu une certification de niveau associé dans AWS et qui ont une expérience concrète du secteur. Cet examen n'est pas destiné aux débutants AWS. Vous voulez passer l'examen de spécialité AWS Certified Data Analytics en toute confiance, et c'est ce que propose ce livre. Bienvenue!

The AWS Certified Advanced Networking - Specialty exam validates advanced technical skills and experience in designing and implementing AWS and hybrid IT network architectures at scale. This exam is intended for those individuals who perform complex networking tasks. IP Specialists' Practice Questions are dedicatedly designed for certification exam perspective. The collection of these questions from our technology workbooks are prepared to keep the exam blueprint in mind covering not only important but necessary topics as well. It's an ideal document to practice and revise your certification.

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This self-study resource offers complete coverage of every topic on the AWS Certified Security Specialty exam Take the AWS Certified Security – Specialty exam with confidence using the detailed information contained in this effective self-study resource. Written by a team of AWS insiders, the book shows how to develop, deploy, and maintain robust security protocols on Amazon Web Services. AWS Certified Security Specialty All-in-One Exam Guide (Exam SCS-C01) covers every objective for the exam and provides comprehensive content on cloud-based security. To aid in study, each chapter includes exam tips, chapter summaries, and practice questions that simulate those on the live test. Designed to help you pass the exam with ease, this hands-on guide

also serves as an ideal on-the-job reference. Covers all exam topics, including: Cloud security event investigation Cloud security event remediation and planning Monitoring with Amazon CloudWatch Enhanced security monitoring and compliance with AWS services Logging on AWS AWS cryptographic services and tools Designing edge security on AWS Designing and implementing a secure network infrastructure Troubleshooting a secure network infrastructure Designing and implementing host-based security AWS identity and access management Troubleshooting authorization and authentication services Online content includes: 130 practice exam questions Fully customizable exam engine Downloadable code

AWS Certifications are industry-recognized credentials that validate your technical cloud skills and expertise while assisting in your career growth. These are one of the most valuable IT certifications right now since AWS has established an overwhelming lead in the public cloud market. Even with the presence of several tough competitors such as Microsoft Azure, Google Cloud Engine, and Rackspace, AWS is by far the dominant public cloud platform today, with an astounding collection of proprietary services that continues to grow. The AWS Certified Cloud Practitioner (CLF-C01) examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS certifications (e.g., Solutions Architect - Associate, Developer - Associate, or SysOps Administrator - Associate). The certification will provide you a high level overview on what AWS Cloud is all about. The exam covers four domains, including AWS core services, cloud concepts, security aspect, pricing and support services. AWS Certified Cloud Practitioner is a new entry-level certification and enables individuals to validate their knowledge of the AWS Cloud with an industry-recognized credential. This certification exam validates your ability to define and identify:

- AWS Cloud and its basic global infrastructure
- AWS Cloud architectural principles
- AWS Cloud value proposition
- Key services on the AWS platform and their common use cases (example, compute and analytics)
- Basic security and compliance aspects of the AWS platform and the shared security model
- Billing, account management, and pricing models
- Sources of documentation or technical assistance (example, whitepapers or support tickets)
- Basic and core characteristics of deploying and operating in the AWS Cloud

The official study guide for the AWS certification specialty exam The AWS Certified Advanced Networking Official Study Guide – Specialty Exam helps to ensure your preparation for the AWS Certified Advanced Networking – Specialty Exam. Expert review of AWS fundamentals align with the exam objectives, and detailed explanations of key exam topics merge with real-world scenarios to help you build the robust knowledge base you need to succeed on the exam—and in the field as an AWS Certified Networking specialist. Coverage includes the design, implementation, and deployment of cloud-based solutions; core AWS services implementation and knowledge of architectural best practices; AWS service architecture design and maintenance; networking automation; and more. You also get one year of free access to Sybex's online interactive learning environment and study tools, which features flashcards, a glossary, chapter tests, practice exams, and a test bank to help you track your progress and gauge your readiness as exam day grows near. The AWS credential validates your skills surrounding AWS and hybrid IT network architectures at scale. The exam assumes existing competency with advanced networking tasks, and assesses your ability to

apply deep technical knowledge to the design and implementation of AWS services. This book provides comprehensive review and extensive opportunities for practice, so you can polish your skills and approach exam day with confidence. Study key exam essentials with expert insight Understand how AWS skills translate to real-world solutions Test your knowledge with challenging review questions Access online study tools, chapter tests, practice exams, and more Technical expertise in cloud computing, using AWS, is in high demand, and the AWS certification shows employers that you have the knowledge and skills needed to deliver practical, forward-looking cloud-based solutions. The AWS Certified Advanced Networking Official Study Guide – Specialty Exam helps you learn what you need to take this next big step for your career.

- This is the latest practice test to pass the Amazon MLS-C01 AWS Certified Machine Learning - Specialty Exam. - It contains 69 Questions and Answers. - All the questions are 100% valid and stable. - You can rely on this practice test to pass the exam with a good mark and in the first attempt.

New edition of the bestselling guide to artificial intelligence with Python, updated to Python 3.x, with seven new chapters that cover RNNs, AI and Big Data, fundamental use cases, chatbots, and more. Key Features Completely updated and revised to Python 3.x New chapters for AI on the cloud, recurrent neural networks, deep learning models, and feature selection and engineering Learn more about deep learning algorithms, machine learning data pipelines, and chatbots Book Description Artificial Intelligence with Python, Second Edition is an updated and expanded version of the bestselling guide to artificial intelligence using the latest version of Python 3.x. Not only does it provide you an introduction to artificial intelligence, this new edition goes further by giving you the tools you need to explore the amazing world of intelligent apps and create your own applications. This edition also includes seven new chapters on more advanced concepts of Artificial Intelligence, including fundamental use cases of AI; machine learning data pipelines; feature selection and feature engineering; AI on the cloud; the basics of chatbots; RNNs and DL models; and AI and Big Data. Finally, this new edition explores various real-world scenarios and teaches you how to apply relevant AI algorithms to a wide swath of problems, starting with the most basic AI concepts and progressively building from there to solve more difficult challenges so that by the end, you will have gained a solid understanding of, and when best to use, these many artificial intelligence techniques. What you will learn Understand what artificial intelligence, machine learning, and data science are Explore the most common artificial intelligence use cases Learn how to build a machine learning pipeline Assimilate the basics of feature selection and feature engineering Identify the differences between supervised and unsupervised learning Discover the most recent advances and tools offered for AI development in the cloud Develop automatic speech recognition systems and chatbots Apply AI algorithms to time series data Who this book is for The intended audience for this book is Python developers who want to build real-world Artificial Intelligence applications. Basic Python programming experience and awareness of machine learning concepts and techniques is mandatory.

11.5+ Hours of Video Instruction AWS leads the world in cloud computing and big data. This course offers the complete package to help practitioners master the core skills and competencies needed to build successful, high-value big data applications, with a

clear path toward passing the certification exam AWS Certified Big Data - Specialty. This course provides a solid foundation in all areas required to pass the AWS Certified Big Data Specialty Exam-including Collection, Storage, Processing, Analysis, Visualization, and Data Security. In addition, multiple quizzes and a practice exam prepare the student for the formal Certification Exam administered by AWS. Download Project Code from GitHub Download Code From GitHub Description This course provides case study-based training, designed completely around Jupyter notebook-based learning using only AWS big data technologies. Every exercise shown in this video can be run interactively by the students watching. The material exclusively focuses on AWS, with the goal of building enough foundation that the learner can achieve certification. Most companies struggle with widely varied, high-volume, and fast-moving data. After years of hype around big data, tools and infrastructure have improved to the point where companies are way beyond pilot projects and proofs-of-concept. Big data, where parallel processing is needed just to do the work, is the new normal. AWS leads the world in cloud computing and big data. This course offers a clear path toward certification by AWS on Big Data solutions, which is needed in a competitive job market. This course fills a known gap in this rapidly growing space. Skill Level Intermediate level developers What You Will Learn Students will: Learn how to perform collection tasks on AWS Learn how to use the appropriate storage solution for Big Data on AWS Learn how to perform processing tasks on the AWS platform Learn how to couple Visualization, Analysis, and Data Security to reason about Big Data on AWS Learn how to think about the AWS Big Data Certification exam to optimize for the best outcome. Who Should Take This Course You are a DevOps Engineer who wants to understand how to operationalize Big Data workloads. You are a Software Engineer who wants to master Big Data terminology and practices on AWS. You are a Machine Learning Engineer who wants to solidify their knowledge of AWS Big Data practices. You are a Product Manager who needs to understand the AWS Big Data lifec...

Explore real-world examples of issues with systems and find ways to resolve them using Amazon CloudWatch as a monitoring service Key Features Become well-versed with monitoring fundamentals such as understanding the building blocks and architecture of networking Learn how to ensure your applications never face downtime Get hands-on with observing serverless applications and services Book Description CloudWatch is Amazon's monitoring and observability service, designed to help those in the IT industry who are interested in optimizing resource utilization, visualizing operational health, and eventually increasing infrastructure performance. This book helps IT administrators, DevOps engineers, network engineers, and solutions architects to make optimum use of this cloud service for effective infrastructure productivity. You'll start with a brief introduction to monitoring and Amazon CloudWatch and its core functionalities. Next, you'll get to grips with CloudWatch features and their usability. Once the book has helped you develop your foundational knowledge of CloudWatch, you'll be able to build your practical skills in monitoring and alerting various Amazon Web Services, such as EC2, EBS, RDS, ECS, EKS, DynamoDB, AWS Lambda, and ELB, with the help of real-world use cases. As you progress, you'll also learn how to use CloudWatch to detect anomalous behavior, set alarms, visualize logs and metrics, define automated actions, and rapidly troubleshoot issues. Finally, the book will take you through monitoring AWS billing and costs. By the end of this book, you'll be capable of making decisions that enhance your

infrastructure performance and maintain it at its peak. What you will learn Understand the meaning and importance of monitoring Explore the components of a basic monitoring system Understand the functions of CloudWatch Logs, metrics, and dashboards Discover how to collect different types of metrics from EC2 Configure Amazon EventBridge to integrate with different AWS services Get up to speed with the fundamentals of observability and the AWS services used for observability Find out about the role Infrastructure As Code (IaC) plays in monitoring Gain insights into how billing works using different CloudWatch features Who this book is for This book is for developers, DevOps engineers, site reliability engineers, or any IT individual with hands-on intermediate-level experience in networking, cloud computing, and infrastructure management. A beginner-level understanding of AWS and application monitoring will also be helpful to grasp the concepts covered in the book more effectively.

Build interactive dashboards and storytelling reports at scale with the cloud-native BI tool - Amazon QuickSight, including embedded analytics and ML-powered insights Key Features Understand how to set up Amazon QuickSight, manage data sources, and build and share dashboards Learn the advanced features of Amazon Quicksight to develop interactive and embedded dashboards Manage and monitor dashboards using the QuickSight API and other AWS services such as Amazon CloudTrail Book Description The adoption of cloud-native BI tools, like Amazon QuickSight, enables organizations to gather insights from data at scale. This book is a practical guide to performing simple-to-advanced tasks with Amazon QuickSight. You'll begin by learning QuickSight's fundamental concepts and how to configure data sources. Next, you'll be introduced to the main analysis-building functionality of QuickSight to develop visuals and dashboards. The book will also demonstrate how to develop and share interactive dashboards with parameters and on-screen controls. Advanced filtering options with URL actions will then be covered, before learning how to set up alerts and scheduled reports. Later, you'll explore the Insights visual type in QuickSight using both existing insights and by building custom insights. Further chapters will show you how to add machine learning insights such as forecasting capabilities, analyzing time series data, adding narratives, and outlier detection to your dashboards. You'll also explore patterns to automate operations and look closer into the API actions that allow us to control settings. Finally, you'll learn advanced topics such as embedded dashboards and multitenancy. By the end of this book, you'll be well-versed with QuickSight's BI and analytics functionalities that will help you create BI apps with ML capabilities. What you will learn Understand the wider AWS analytics ecosystem and how QuickSight fits within it Set up and configure data sources with Amazon QuickSight Include custom controls and add interactivity to your BI application using parameters Add ML insights such as forecasting, anomaly detection, and narratives Explore patterns to automate operations using QuickSight APIs Create interactive dashboards and storytelling with Amazon QuickSight Design an embedded multi-tenant analytics architecture Focus on data permissions and how to manage Amazon QuickSight operations Who this book is for This book is for business intelligence (BI) developers and data analysts who are looking to create interactive dashboards using data from Lake House on AWS with Amazon QuickSight. This book will also be useful for anyone who wants to learn Amazon QuickSight in depth using practical examples. You will need to be familiar with general data visualization concepts, however, no prior experience with Amazon QuickSight is required.

This book has been compiled with the help of multiple professional engineers. These engineers specialize in different fields e.g. Networking, Security, Cloud, Big Data, IoT etc. Each engineer develops content in his/her own specialized field that is compiled to form a comprehensive certification guide.

AWS Certified Big Data - Specialty Technology Workbook

This book is for anyone interested in Serverless, regardless of their technical level. I share strategic insights for entrepreneurs and executives, planning and team insights for project managers, and technical insights for architects and team leads. The intent is to provide a deep but relevant understanding of Serverless Architecture and how it could impact your business and your projects. Our AWS-Certified-Big-Data-Specialty- study materials have a high quality which is mainly reflected in the pass rate. Our product can promise a higher pass rate than other study materials. 99% people who have used our AWS-Certified-Big-Data-Specialty- study materials passed their exam and got their certificate successfully, it is no doubt that it means our AWS-Certified-Big-Data-Specialty- study materials have a 99% pass rate. So our product will be a very good choice for you. If you are anxious about whether you can pass your exam and get the certificate, we think you need to buy our AWS-Certified-Big-Data-Specialty- study materials as your study tool, our product will lend you a good helping hand. If you are willing to take our AWS-Certified-Big-Data-Specialty- study materials into more consideration, it must be very easy for you to pass your exam in a short time.

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