

Sap For Utilities Roadmap For The Digital Utility

Implementing SAP R/3: The Guide for Business and Technology Managers provides a framework and a complete plan that enables business and technical managers to take the optimal decisions that are necessary for the successful implementation of SAP in their organizations. It presents the details needed to plan and present confidently a case for choosing SAP, without ever asking the software vendor or involving the vendor's personnel.

Many large and medium-sized organizations have made strategic investments in the SAP NetWeaver technology platform as their primary application platform. In fact, SAP software is used to manage many core business processes and data. As a result, it is critical for all organizations to manage the life cycle of user access to the SAP applications while adhering to security and risk compliance requirements. In this IBM® Redbooks® publication, we discuss the integration points into SAP solutions that are supported by the IBM Security access and identity management product capabilities. IBM Security software offers a range of identity management (IdM) adapters and access management components for SAP solutions that are available with IBM Tivoli® Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Directory Server, IBM Access Manager for e-business, IBM Tivoli Access Manager for Enterprise Single Sign-On, and IBM Tivoli Federated Identity Manager. This book is a valuable resource for security officers,

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consultants, administrators, and architects who want to understand and implement an identity management solution for an SAP environment.

Put machine learning to work in SAP S/4HANA! Get started by reviewing your available tools and implementation options. Then, learn how to set up services, train models, and manage applications.

Discover how machine learning is implemented in key lines of business, from finance to sales. With details on extensibility and related SAP Cloud Platform services, you'll find everything you need to make the most of machine learning! In this book, you'll learn about:

a. Tools and Technologies Get to know the machine learning toolkit you can use to consume models: SAP HANA, SAP Cloud Platform, SAP Analytics Cloud, SAP Intelligent Robotic Process Automation, and more. b. Technical Implementation Perform the technical setup in SAP S/4HANA. Learn how to implement key services, train machine learning models, and manage applications, from data integration to user interface design. c.

Business Implementation See how machine learning improves your lines of business. Explore machine learning in SAP S/4HANA business processes for finance, procurement, sales, inventory, and more.

Highlights Include: 1) Predictive analytics 2) Predictive intelligence 3) Tools and technologies 4) Architecture 5) Embedded services 6) Technical implementation 7) Business implementation 8) Extensibility 9) SAP HANA 10) SAP Cloud Platform 11) SAP Analytics Cloud

Your Hands-On Guide to SAP ERP Sales & Distribution
Written by senior SAP consultant Glynn Williams,

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Implementing SAP ERP Sales & Distribution is packed with tested, time-saving tips and advice. Learn how to use SAP ERP Central Component 5.0 and 6.0 to create sales documents and contracts, control material and customer master data, schedule deliveries, and automate billing. You'll also find out how to deliver robust financial and transactional reports, track customer and credit information, and interoperate with other SAP modules. Configure and manage the SAP ERP SD module Track sales, shipping, and payment status using master records Create multi-level sales documents and item proposals Develop contracts and rebate agreements Deliver materials and services requirements to the supply chain Plan deliveries, routes, and packaging using Logistics Execution Perform resource-related, collective, and self billing Generate pricing reports, incompleteness logs, and hierarchies Handle credit limits, payment guarantees, and customer blocks Integrate user exits, third-party add-ons, and data sharing Configure pricing procedures and complex pricing condition types

Build a flexible and sustainable environment for SAP S/4HANA development with this guide to SAP Cloud Platform services! Walk through the steps involved in designing your enterprise architecture, from evaluating your existing landscape to extending and enhancing SAP S/4HANA without disrupting the core. You'll get a detailed look at how to use SAP Cloud Platform services for master data, data integration, business process automation, UX, and security. Future-proof your system! Highlights include: 1) Enterprise architecture design 2)

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Master data distribution 3) Data integration 4) Business process automation 5) User experience 6) Security 7) Extensions 8) Cloud-native applications 9) DevOps 10) Continuous monitoring

Preparing for your SAP Activate project management exam? Make the grade with this certification study guide to C_ACTIVATE12! From agile project planning and delivery to new implementations and system conversions, this guide will review the technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each topic area, and practice questions and answers. Your path to SAP Activate certification begins here! In this book, you'll learn about:

- a. The Test Know what to expect on exam day so you can take your test with confidence. This guide follows the exact structure of the exam, so align your study of SAP Activate with the test objectives and walk through topics covered in C_ACTIVATE12.
- b. Core Content Review major subject areas like SAP Activate elements, workstreams, new implementation, and system conversion. Then master important terminology and key takeaways for each subject.
- c. Q&A After reviewing each chapter, solidify your knowledge with questions and answers for each section and improve your test-taking skills. Highlights include: Explain the important product characteristics in list form.

1) Exam C_ACTIVATE12 2) SAP Activate methodology 3) SAP Best Practices 4) Agile project planning and delivery 5) Workstreams 6) New implementation 7) System conversion 8) Selective data transition 9) SAP S/4HANA (on-premise) 10) SAP S/4HANA Cloud, essentials

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edition 11) SAP S/4HANA Cloud, extended edition
What is SAP BW/4HANA? More importantly, what can it do for you? Between these pages, you'll explore the answers to these questions, from simplified data models and SAP BW/4HANA Analytics to automated data lifecycle management. You'll find step-by-step instructions for installation and setup, a guide to administrative tasks to keep your SAP BW/4HANA system in tip-top shape, and the low-down on security in your new system. Explore the data warehouse of the future! Highlights: -SAP HANA -SAP BW/4HANA Analytics -Installation and deployment -Data modeling -Reporting and analytics -Data lifecycle management -Administration -Security -Data warehousing solution Looking to innovate, transform processes, or just get more from your data? This guide to SAP Leonardo shows you how new technologies--from machine learning to blockchain--intersect with existing processes to transform your business. You'll walk through practical examples of SAP Leonardo tools at work in manufacturing, product management, logistics, finance, and more. From using machine learning for smart manufacturing to leveraging IoT and big data for a connected fleet, you'll get the hands-on introduction to SAP Leonardo you've been looking for Highlights include: -SAP Leonardo Analytics -SAP Leonardo Big Data -SAP Leonardo Blockchain -SAP Leonardo Internet of Things -SAP Leonardo Machine Learning -Data intelligence -Manufacturing and assets -Products and inventory -Logistics -Finance
In this book, a leading expert on SAP performance walks

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through every facet of tuning and optimizing mySAP Solutions, and the technology layers underpinning these solutions, to maximize performance and value. George W. Anderson covers the entire testing and tuning process: planning, staffing, developing, testing, executing, validating, evaluating ... and acting on what you've learned. Anderson offers guidance with regard to predicting the impact of system changes - from new hardware to updated NetWeaver-enabled business processes. Along the way, he shows how to make the most of countless optimization and monitoring tools - from free and low-cost technology stack-based utilities to comprehensive, automated SAP testing suites.

"Ready for SAP BW/4HANA 2.0? This comprehensive guide will teach you all there is to know about the next generation business warehouse from SAP! Start with a fresh installation or migrate from an existing system. Then understand the new architecture, explore administration tasks with SAP HANA Studio, learn to model and analyze data, and find out how to connect to frontend BI tools"--

Explaining the new SAP S/4HANA architecture and business models for customer management, this book will teach you how lead and opportunity management will help you generate and manage sales and shows how quotes, orders, and service management work. --

Learn the SAP BusinessObjects strategy Explore the SAP BusinessObjects portfolio of solutions Understand the value of the solutions and prepare to use them Discover what SAP BusinessObjects is all about and learn how the new products and solutions can improve your business processes. In this book, you'll find what you need to really understand where SAP BusinessObjects can fit into your operations. Whether you're a decision-maker, consultant, or new SAP professional, this reader-friendly reference will take you on a complete journey from the history of Business Objects to a

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look at each SAP BusinessObjects portfolio solution. You'll find everything from On Demand, EPM, GRC, and Enterprise Information Management solutions to customer scenarios and the SAP BusinessObjects roadmap. Discover the SAP BusinessObjects Strategy Investigate the history of Business Objects and see how it has evolved. Explore the SAP BusinessObjects Applications Learn about the different applications and see how they can be applied to your business. Find the Tools You Need Find all the details you need to understand business intelligence with SAP and the technology that enables it. Learn About SAP BusinessObjects in the real World Explore in-depth case studies for various topics to find out how other companies have improved business processes and enhanced efficiency. Navigate as You Like Go directly to the chapter that interests you, or read from cover to cover, and be sure to make use of the glossary and list of resources.

The industrial internet is a new and upcoming technology that is changing the practices of organizations and corporations everywhere. Through research and application, opportunities can arise from implementing these new systems and devices. The Internet of Things in the Modern Business Environment is an essential reference source for the latest scholarly research on varying aspects of the interworking of smart devices within a business setting and explores the impact of these devices on company operations and models. Featuring extensive coverage on a broad range of topics such as supply chain management, information sharing, and data analytics, this publication is ideally designed for researchers, managers, and students seeking current research on the expansion of technology in commerce.

Transform your logistics operations with SAP S/4HANA! With this introduction, see what SAP has in store for each supply chain line of business: sales order management,

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manufacturing, inventory management, warehousing, and more. Discover how SAP Fiori apps and embedded analytics improve reporting, and explore the intersection between your supply chain processes and new SAP Leonardo technologies. Take your first look at SAP S/4HANA logistics, and see where it will take your business!

a. Key Processes Advances in SAP S/4HANA are changing your supply chain. Explore planning and scheduling, transportation management, inventory management, manufacturing, warehousing, sourcing and procurement, plant maintenance, and more!

b. The Future of Logistics Uncover what's new and improved in SAP S/4HANA for your logistics LOBs, such as centralized procurement to demand-driven MRP. See how technologies like IoT and machine learning can accelerate your core supply chain processes.

c. Migration Once you see the logistics big picture, you can plan your next steps. Learn how to design your roadmap, evaluate your technical and functional conversion steps, and prepare your system for your desired migration path.

- 1) Sourcing and procurement
- 2) Inventory management
- 3) Warehouse management
- 4) Production planning
- 5) Manufacturing operations
- 6) Plant maintenance
- 7) Quality management
- 8) SAP Fiori applications
- 9) SAP Leonardo technologies
- 10) Implementation and migration
- 11) SAP S/4HANA 1809

SAP Implementation UnleashedA Business and Technical Roadmap to Deploying SAPSams Publishing

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll

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learn about: a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements. b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration. c. Key Roles Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center

A guide to SAP R/3 programming covers such topics as data modeling, systems architecture, and systems installation.

This practical guide to artificial intelligence and its impact on industry dispels common myths and calls for cross-sector, collaborative leadership for the responsible design and embedding of AI in the daily work of businesses and oversight by boards. •

Provides a strategic framework for corporate boards and executive leadership teams to remain competitive in the age of AI • Offers practical and clear advice on AI and machine learning, introducing technical concepts and translating research trends into practical applications while simultaneously incorporating critical governance, ethics,

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sustainability, and risk considerations • Provides traditional businesses and their boards with practical questions to ask their teams, suppliers, and technology partners and offers guidance on market trends and players to which to pay attention

Phases of SAP Activate MethodologyKey features

400 PLUS Real-time SAP Activate & SAP S/4 HANA

Interview questions and answers Numerous Tricky

Real-time SAP Activate Case Studies and Demos

SAP S/4 HANA-Approach & Guidelines Explore the

application scenarios of SAP Activate SAP Activate

issues and challenges in large-, mid- and small-scale

projects and mitigation plan Digital transformation

tips and tricks Intelligent enterprise tips and tricks

Integration of SAP S/4HANA with machine learning

intelligence.DescriptionThe book promises to make

you understand and practise the SAP Activate

Framework. The focus is to take you on a journey of

all the phases of SAP Activate methodology and

make you understand all the phases with real life

examples, lessons learnt, accelerators and best

practices. Well articulation on how SAP Activate

methodology can be used through real-world use

cases, with a comprehensive discussion on Agile

and Scrum, in the context of SAP Project. SAP

Activate is an innovative, next generation business

suite that allows producing working deliverables

straight away. SAP Activate Methodology is a

harmonized agile implementation approach for

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cloud, on premise, and hybrid deployments for delivering shippable product increments in an iterative and incremental way. What will you learn You will get familiar with SAP S4HANA which is an incredibly innovative platform for businesses that can store business data, interpret it, analyze it, process it in real time, and use it when it is needed depending upon the business requirement. This book articulates integration of SAP S/4HANA with machine learning intelligence, intelligent enterprise tips & tricks, SAP Geographical Enablement Framework, Agricultural Contract Management, SAP Activate issues and challenges in large-, mid- and small-scale projects and mitigation plan, Fit/Gap Workshops, Master Data Management, Vendor-Managed Inventory, useful Tips & Tricks for successful implementation of any Greenfield or brownfield, use of Agile, Scrum, Kanban, XP in SAP S/4 HANA Project and contains 400 PLUS Real-time SAP Activate & SAP S/4 HANA Interview questions and answers. Who this book is for SAP Consultants, SAP technical, business analysts, architects, team leads, project Leads, project managers, account manager, account executives, CEO, CTO, COO, CIO, Sr. VP, and Directors. Table of contents

1. SAP Activate Methodology - Introduction
2. Journey New Implementation (In Cloud)
3. Journey New Implementation (On-Premise)
4. Journey System Conversion for SAP S/4 HANA
5. Journey

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Landscape Transformation for SAP S/4 HANA 6. Activate Methodology and SAP Activate - Top 410 Plus7. SAP S/4 HANA and SAP Activate - Test your knowledge8. SAP S/4 HANA and SAP Activate - Key Takeaways

About the author Sudipta Malakar is an accomplished IT SAP Project Manager, Program Manager, Agile Coach with 15+ years of experience in directing SAP DEV teams in supporting many major fortune 500 clients in multiple large accounts that include more than 7 years of experience in IT Project/Program & Solution Delivery Management and 5+ years of experience in Agile as SCRUM Master, Agile Coach. He is certified Disruptive Strategy professional from HBX Harvard Business School, USA, Bachelor degree in Technology (B. TECH) in Chemical Technology from Calcutta University. He is certified Sr. Project Manager in (Prince-2), CSP(R), CSM(R), KMP, ICP-ACC(R), TKP(R), ITIL, DevOps, ISO, Lean Six Sigma Black Belt, CMMi.

New to SAP S/4HANA Cloud? This is the book for you! Get detailed descriptions and screenshots to see what is possible in SAP S/4HANA Cloud, from core functionality like finance and logistics to reporting with embedded analytics and KPIs. Learn how SAP S/4HANA Cloud impacts your users and how it can be extended, integrated, and adopted by your organization. Get information on the latest intelligent technologies to experience the complete

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solution scope. Discover what SAP S/4HANA Cloud means for your business! Highlights include: 1) User experience 2) Analytics 3) Business processes 4) Extensibility 5) Integration 6) Adoption 7) Lifecycle management 8) Intelligent enterprise 9) Intelligent technologies

Whether you know it as plant maintenance or asset management, this is the only guide you need to set it up in SAP S/4HANA! Start by planning your plant maintenance implementation, and then jump into configuring the organizational structure and system-wide functions. Use step-by-step instructions to set up your technical systems, from your equipment and fleet to your materials and assemblies. If you're looking to configure breakdown maintenance, corrective maintenance, preventive maintenance, predictive maintenance, or all four, this is the book for you! Highlights include: 1) Organizational structures 2) Notifications 3) Work orders 4) Equipment management 5) Preventive maintenance 6) Predictive maintenance 7) Breakdown maintenance 8) Corrective maintenance 9) SAP Fiori launchpad 10) Project plan

Maldives has no proven fossil fuel reserves, but it has abundant renewable energy sources such as solar, wind, and ocean (tidal, wave, and ocean thermal), and has the potential to produce green hydrogen fuel using renewable energy. The coronavirus pandemic has impaired Maldives'

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economy, severely affecting its tourism industry, which is one the country's main economic drivers. The country's recovery will largely depend on the rapid transformation and diversification of its economic activities. Renewable energy offers a promising alternative to fossil fuels as the country embarks on a transformation challenge. This Road Map serves as a guide for Maldives' energy transition—from being powered by costly and polluting fossil fuels to being powered by affordable and efficient renewable and cleaner energy sources. SAP can help you capture better information and deliver it more quickly, allowing you to make better decisions and maximize the business value of everything you do. However, SAP implementations require massive effort, total buy-in, and significant change throughout the organization. In *SAP Implementation Unleashed*, 10 expert SAP project managers, functional consultants, and technologists guide you through the entire journey, helping you avoid pain and pitfalls and gain all the benefits of SAP. The authors introduce start-to-finish business, technical, and project management roadmaps for successful SAP implementation. Then, drawing on their immense experience, they walk you through the entire process of planning and deployment—addressing make-or-break issues and hidden gaps that other guidebooks ignore. You'll discover how to employ processes, models, and

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toolsets that help you achieve implementation excellence while systematically reducing cost and business risk. Along the way, you'll find actionable advice and real-world insight into innovative project management, best-suited leadership, effective load testing, contemporary infrastructure implementation, and more. George W. Anderson is responsible for providing enterprise applications thought leadership for the EDS/HP office of the CTO. A long-time SAP consultant and PMI-certified project manager, George has authored several best-selling books and enjoys new challenges. Charles D. Nilson is a senior program manager for EDS/HP and has led many successful SAP implementation teams over the years. He is a PMI PMP and is SAP Partner Academy certified in MM and PP. Tim Rhodes is a senior SAP technical consultant for EDS/HP and a Basis/infrastructure veteran focused on implementing, migrating, and upgrading SAP Business Suite and NetWeaver solutions. Tim is also an SAP-certified technical consultant, OCP, MCSE, and HP Master ASE. Detailed Information on How To... Define the business vision driving your implementation, and use it to design your solution Use TCO techniques to fully understand SAP's financial impact in your organization Structure your SAP project management office, business teams, technical support organization, and overall project team Size, plan, and test your SAP infrastructure to

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deliver the best performance and availability at the best cost
Integrate SAP into an SOA environment
Install and configure SAP Business Suite and NetWeaver components
Perform basic functional configuration, testing, and change management activities
Enable a smooth transition by successfully performing the critical tasks that immediately precede SAP Go-Live
Choose the right mix of tools and applications to test, manage, and monitor SAP
Prepare your SAP Operations team for its post-implementation responsibilities

This volume includes a series of articles describing how SAP's industry-specific solutions will develop in relation to the mySAP.com strategy. It examines different markets and shows how their development will be shaped by the opportunities provided by the Internet.

"United under SAP - The process of eliminating information island" ist eine wissenschaftliche Arbeit zur SAP Implementierung mit der ASAP Methode am Beispiel eines bekannten und international agierendem Unternehmen in S dchina, Guangdong Province, im Jahre 2008. Die Arbeit ist in englischer Sprache verfasst und zum Projekt als Untersuchungsgegenstand Methode, Vorher-Nachhersituation, Vor- und Nachteile und der Einfluss der chinesischen Kultur-Aspekte. Introduction: Nowadays, companies all over the world face incredible pressure in global markets. To survive and to stay competitive, procurement of every description needs to be developed as a major leverage to save cost in the recent years. To achieve competitive differentiation with advantage, companies have to empower information workers.

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Business processes are the key to unlock the potential of these strategies.

Curious about how to leverage SAP Predictive Analytics (SAP PA) to effectively mine data and unearth trends, patterns, and relationships? In this book written for users and analysts, readers will explore the foundations of SAP Predictive Analytics. Review the architectural underpinnings and technical components that make up SAP PA. Explore how SAP PA works with SAP HANA. Walk through the installation steps and learn the differences between the desktop and enterprise versions. Explore SAP PA modules and components, including the predictive analytical library (PAL), the application function library (AFL), and the SAP HANA automated predictive library (APL). Leverage the data manager and learn how to create an event log aggregation. Get tips for performing text analysis and take an in depth look at automated analytics, including Expert Analytics. Dive into a sales and pipeline forecasting example using specific SAP PA functions and algorithms. By using practical examples, tips, and screenshots, this book explores: - SAP PA architecture and technical components - How SAP PA works with SAP HANA - Core SAP PA modules and components - Detailed sales/pipeline forecasting example

Testing SAP R/3: A Manager's Step-by-Step Guide shows how to implement a disciplined, efficient, and proven approach for testing SAP R/3 correctly from the beginning of the SAP implementation through post-production support. The book also shows SAP professionals how to efficiently provide testing coverage for all SAP objects before they are moved into a production environment.

SAP BTP, ABAP environment requires specialized knowledge of language limits and development environment--let this book be your guide! Begin by provisioning a trial instance and setting up ABAP Development Tools in Eclipse. Then, walk

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step-by-step through building an app using the ABAP RESTful application programming model, developing backend services, and creating SAP Fiori apps. Connect your cloud-based ABAP applications to on-premise and cloud systems and learn how to manage and maintain those applications. ABAP's not dead, it's in the cloud! Highlights include: 1) ABAP Development Tools in Eclipse 2) SAP BTP, Cloud Foundry environment 3) ABAP RESTful application programming model 4) Application development 5) Backend services 6) SAP Fiori 7) Consuming APIs 8) Identity and access management 9) Application lifecycle management 10) Monitoring and security

Bei der Digitalisierung des Energiesektors von Praxiserfahrungen anderer Experten profitieren! Dieser bewährten Devise folgend zeigen Autoren aus Versorgungs- und IT-Unternehmen, Beratungen und Start-ups ausgewählte Lösungen für eine erfolgreiche digitale Transformation der Energiebranche. Durch die Lektüre der ersten zweibändigen Fachpublikation zur Digitalisierung der Energiewirtschaft im deutschsprachigen Raum kann der Leser von Expertenwissen profitieren und seinen Nutzen aus realen Anwendungsfällen sowie der Beschreibung umgesetzter Geschäftsmodelle der digitalen Energiewelt ziehen. Band 2 führt die Gliederung entlang der energiewirtschaftlichen Wertschöpfung des ersten Bands fort. Das Spektrum reicht von den vertrieblichen Aspekten der digitalen Energiewelt bis hin zu Praxisbeiträgen zum Zusammenwachsen von Energie, Mobilität, Kommunikation und Stadtentwicklung.

"See how SAP S/4HANA will change your BI processes! Explore the embedded analytics architecture and data model to learn how to perform analytics on live transactional data. Business user? Walk step-by-step through SAP Smart Business KPIs and multidimensional reporting. Analytics specialist? Master the virtual data model and creating KPIs.

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Jack of all trades? Create CDS views, apply custom fields and logic, or see what's coming up with machine learning. This is your complete guide to SAP S/4HANA embedded analytics!"--

Unpack your API toolkit with this guide to SAP API Management. Learn how to use the API Designer to create enterprise APIs and discover how to manage their lifecycle. Walk through key processes that optimize your APIs and keep them running smoothly: traffic management, mediation, security, and monetization. Get expert guidance on building applications, generating integration flows, and running analytics. Master API management from end to end In this book, you'll learn about: a. API Lifecycle Walk through API management from end to end: design, management, consumption, and more. Understand how components such as the Developer Portal and API Gateway support the API lifecycle. b. Key Processes Make the most of your APIs. See how to monitor traffic; perform message transformation, parsing, and validation; handle API security threats; and monetize API products. c. Consumption and Analytics Get your APIs working for you. Learn how to consume APIs in SAP Fiori apps, mobile apps built with SAP Mobile Services, and more. Then, analyze API consumption to gain insight into usage trends and performance. Highlights Include: 1) Architecture 2) End-to-end lifecycle 3) Design and development 4) Traffic management 5) Mediation 6) Security 7) Monetization 8) Consumption 9) Enterprise integration 10) Analytics 11) SAP API Business Hub

Work smarter with machine learning! Begin with core machine learning concepts--types of learning, algorithms, data preparation, and more. Then use SAP Data Intelligence, SAP HANA, and other technologies to create your own machine learning applications. Master the SAP HANA Predictive Analysis Library (PAL) and machine learning functional and

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business services to train and deploy models. Finally, see machine learning in action in industries from manufacturing to banking.

- a. Foundation Build your understanding of probability concepts and algorithms that drive machine learning. See how linear regression, classification, and cluster analysis algorithms work, before plugging them into your very own machine learning app!
- b. Development Follow step-by-step instructions to gather and prepare data, create machine learning models, train and fine-tune models, and deploy your final app, all using SAP HANA and SAP Data Intelligence.
- c. Platforms Use built-in SAP HANA libraries to create applications that consume machine learning algorithms or integrate with the R language for additional statistical capabilities. Work with the SAP Leonardo functional services to customize and embed pre-trained models into applications or bring your own model with the help of Google TensorFlow.

- 1) Development
- 2) Retraining
- 3) Implementation
- 4) SAP Data Intelligence
- 5) SAP HANA predictive analysis library
- 6) SAP HANA extended machine learning library
- 7) SAP HANA automated predictive library
- 8) Google TensorFlow
- 9) Embedded machine learning
- 10) SAP Conversational AI
- 11) SAP Analytics Cloud Smart Predict

Provides you with the tools that show you how to effectively manage your data. From SAP Data Services to various solutions like SAP Power Designer, this title helps you learn what the different solutions are and how they work together. It also offers detailed information on SAP's different EIM solutions to learn what they can do for you.

- Learn what business process management (BPM) is and how to get started within an SAP context• Benefit from a comprehensive compilation of use

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cases from early adopters

- Discover SAP technology, methodology, governance, process-based implementation content, and performance & value metrics

In this unique book, you will learn how to span the gap between business processes and information technology, as well as how to apply BPM within SAP projects. The authors provide extensive information on everything you need to know about the processes and methods to implement BPM (new ASAP, process-based implementation content, BPM technology, and more). Through real-world examples, best practices, and advice from SAP experts, you will understand how BPM works and how you can best use it to your advantage. Additionally, use cases from industry leaders and innovators show you how these early adopters improved their businesses by using BPM technology and methodology.

Linking Strategy to Operation Explore how a company's business model is linked to the process model, therefore including performance and value drivers.

BPM Anatomy Get an in-depth look at what makes BPM in SAP environments so effective, and understand all of the options and unique add-ons that are available for you to link to your SAP system.

Real-Life Examples Explore use cases from different industries to understand how BPM can be applied to your project to maximize efficiency, streamline process performance, achieve performance and value

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creation, and optimize customer relations. Applicable Software for BPM Learn how standard software in general and SAP products in particular relate to the BPM approach. Bonus Material Access additional articles via the SAP PRESS website on some of BPM's future trends and more advanced fields from top BPM and SAP experts and researchers. Highlights

- Business Model Management
- Performance and Value Drivers
- ASAP 7 Core Methodology and Business
- Add-Ons to ASAP
- Implementation Quality and Process-Based
- Implementation
- Governance Framework and Agile
- Methodology
- Enterprise Architecture and SOA
- SAP NetWeaver BPM and BRM
- SAP NetWeaver Composition Environment
- Rules and Decision Management
- Process Lifecycles
- Business Value Management

SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate! Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate's agile methodology, and get the guidance you need for a smooth and successful go-live! In this book, you'll learn about:

- a. Foundations Get up to speed with SAP Activate. Learn about key concepts like fit-to-

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standard and fit/gap analysis, understand the methodology, and walk through the key phases of project management. b. Tools and Technologies Open up your SAP Activate toolkit. See how to access SAP Activate content with SAP Best Practices Explorer, SAP Solution Manager, and more. Then, use SAP Best Practices and SAP Model Company to set up a working system for your workshops. c. Deployment Deploy SAP S/4HANA, step by step. Follow detailed instructions to plan, prepare for, and execute your on-premise or cloud deployment activities according to SAP Activate. Walk through key scenarios for a hybrid implementation of SAP S/4HANA in your landscape. Highlights Include: 1) Deployment 2) Guided configuration 3) Agile project delivery 4) SAP Best Practices 5) SAP Model Company 6) Organizational change management 7) SAP S/4HANA 8) SAP S/4HANA Cloud 9) Hybrid landscapes 10) C_ACTIVATE05 certification

Master the SAP product ecosystem, the client environment, and the feasibility of implementing critical business process with the required technical and functional configuration. SAP Project Management Pitfalls is the first book to provide you with real examples of the pitfalls that you can avoid, providing you with a road-map to a successful implementation. Jay Kay, a SAP Program Manager for Capgemini, first takes a deep dive into common

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pitfalls in implementing SAP ERP projects in a complex IT landscape. You will learn about the potential causes of failures, study a selection of relevant project implementation case studies in the area, and see a range of possible countermeasures. Jay Kay also provides background on each - the significance of each implementation area, its relevance to a service company that implements SAP projects, and the current state of research. Key highlights of the book: Tools and techniques for project planning and templates for allocating resources Industry standards and innovations in SAP implementation projects in the form of standard solutions aimed at successful implementation Managing SAP system ECC upgrades, EHP updates and project patches Learn effective ways to implement robust SAP release management practices (change management, BAU) Wearing a practitioner's insight, Jay Kay explores the relevance of each failed implementation scenario and how to support your company or clients to succeed in a SAP implementation. There are many considerations when implementing SAP, but as you will learn, knowledge, insight, and effective tools to mitigate risks can take you to a successful implementation project.

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