

## Predictive Ytics With Microsoft Azure Machine Learning Build And Deploy Actionable Solutions In Minutes

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~~Azure Essentials: Data analytics Building Predictive Models with Azure Machine Learning Azure Data Fundamentals Certification (DP-900) - Full Course to PASS the Exam How To Build A Machine Learning Model For Predictive Analytics Using Azure Machine Learning Stuido Microsoft Azure Fundamentals Certification Course (AZ-900) - Pass the exam in 3 hours+ Azure For Analytics An Overview Microsoft Azure - Predictive Analytics - Machine Learning Microsoft Azure Cognitive Services: Azure SQL Database for Analytics An introduction to Azure Analysis Services Azure Synapse Analytics \u0026amp; Power BI for BANANAS SCALE! An introduction to Microsoft Azure AI | Azure AI Essentials Azure Machine Learning Studio Using Azure ML prediction in Excel How I Would Learn Data Science (if I Had to Start Over) Azure Administrator Certification (AZ-104) - Full Course to PASS the Exam Top 10 Certifications For 2021 | Highest Paying Certifications | Best IT Certifications | Simplilearn Azure Active Directory (AD, AAD) Tutorial | Identity and Access Management Service AWS vs Azure - What Should I Learn in 2021? | Difference Between AWS and Azure | Intellipaat Get Started with Azure Machine Learning Data Scientist vs Data Analyst | Which Is Right For You?~~  
Top 10 Best Practices for Azure SecurityAzure Active Directory | Azure Active Directory Tutorial | Azure Tutorial For Beginners |Simplilearn Google vs IBM Data Analytics Certificates | Which is Better? BIG DATA and ANALYTICS - Azure Notebooks | Microsoft Azure | Azure for Students [PART 1] Azure Analysis Services Tutorial | Scale Power BI reports into hundreds of GBs How to start with Azure Synapse Analytics - Power BI Developer Edition Introducing the modern data warehouse solution pattern with Azure SQL Data Warehouse Big data analytics and AI with Azure Databricks Shape Your Future with Azure Data and Analytics Azure Machine Learning Tutorial | Azure Tutorial | Azure Training | Edureka AZ-900 Episode 15 | Azure Big Data \u0026amp; Analytics Services | Synapse, HDInsight, Databricks Predictive Ytics With Microsoft Azure  
As all companies are actively adopting artificial intelligence to build smart cars, the question is, who among the auto giants like Mahindra and Mahindra, Hero MotoCorp, and Tata Motors makes better ...

~~Automotive giants like Mahindra, Hero, and Tata are using AI technology to be on the top of their games~~  
Azure Machine Learning is a cloud service designed to carry out predictive and analytical ... but couldn't do it remotely. Being a Microsoft client for a long time, Aerocrine decided to try out Azure ...

~~Azure Machine Learning for Predictive and Analytical Work~~  
AIA ( one of the leading Life Insurers in Sri Lanka, is expanding the use of analytics to meet its increasing business needs and demands. To provide deeper insights and higher-quality insurance ...

~~AIA partners with Fortude to adopt Microsoft analytics for intelligent decision making~~  
Microsoft announced today it is supporting Lifeline, Australia's leading suicide prevention service, to securely analyse and share curated, anonymised data with mental health researchers. The solution ...

~~Lifeline partners with Microsoft to apply data to suicide prevention~~  
OneSoft Solutions Inc. is pleased to announce that a large U.S. pipeline operator has entered into a multi-year agreement with OneSoft's wholly owned subsidiary, OneBridge Solutions Inc. to integrate ...

~~U.S. Midstream Energy Leader Adopts CIM Machine Learning Solution to Augment Its Pipeline Asset Management System~~  
The Possibilities Enabled By The Cloud Lexmark made our own transition to the cloud several years ago, migrating many of our systems to Microsoft ... combined with predictive analytics and machine ...

~~Unlocking The Transformational Potential Of The Cloud~~  
Piper Sandler 2021 Virtual Global Technology Conference Call September 13, 2021 12:00 ET Company Participants Tom Siebel - Chairman and Chief Executive ...

~~CS.ai, Inc. (AI) CEO Tom Siebel Presents at Piper Sandler 2021 Virtual Global Technology Conference (Transcript)~~  
This includes a recent agreement with Microsoft to evaluate the Azure cloud environment and its predictive analytics tools for how they could improve climate modeling and natural disaster ...

~~Army Corps Looks to the Cloud for Flood Modeling~~  
These have become more in demand for business intelligence tools and cloud analytics ... Here we'll look at the best of them. Microsoft Azure SQL Database has an online portal with access to ...

~~Best cloud databases of 2021~~  
(TSXV:OSS)(OTCQB:OSSIF) ("OneSoft") is pleased to announce that a large U.S. pipeline operator (the "Client") has entered into a multi-year agreement with OneSoft's wholly owned subsidiary, OneBridge ...

~~U.S. Midstream Energy Leader Adopts CIM Machine Learning Solution to ...~~  
"With Microsoft Azure, we expect to reap rich dividends from becoming ... is transitioning into new verticals including descriptive, diagnostic, predictive and prescriptive analytics. The company sees ...

~~Sunshine Holdings drives business value and transformation with Microsoft cloud services~~  
So primary with Microsoft Azure, secondary with Google Cloud Platform, specifically for advanced analytics and data ... to drive much better view around predictive outcomes, and evidence based ...

~~Podcast transcript: The future of personalised healthcare~~  
VMware Tanzu is out to simplify the often complicated Kubernetes experience for developers by providing an opinionated developer platform that eliminates complexity and offers guardrails via templates ...

~~VMware Bases Kubernetes Dev Woes with Tanzu Application Platform~~  
A few years ago, the Chicago Police Department established six high-tech crime centers to connect surveillance cameras, gunshot detection platforms, predictive mapping ... "Genetec is taking advantage ...

~~AI Tools and Analytics Provide Police with Critical Insights~~  
Sydney-based IT consultancy Clade Solutions has earned a finalist spot in the Emerging Innovator category of the 2021 CRN Impact Awards by creating a workplace health and safety (WHS) platform, built ...

~~CRN Impact Awards: Clade Solutions' platform simplifies health and safety reporting~~  
As a result of this partnership, Tableau users will be able to build customized predictive analytics solutions faster and more ... Platform will be available as native SaaS on Microsoft Azure. In ...

~~News Flashes~~  
EDMONTON, AB / ACCESSWIRE / September 20, 2021 / OneSoft Solutions Inc. (TSXV:OSS)(OTCQB:OSSIF) ("OneSoft") is pleased to announce that a large U.S. pipeline operator (the "Client") has entered into a ...

~~OneSoft Solutions Inc.: U.S. Midstream Energy Leader Adopts CIM Machine Learning Solution to Augment Its Pipeline Asset Management System~~  
"With Microsoft Azure, we expect to reap rich dividends ... new verticals including descriptive, diagnostic, predictive and prescriptive analytics. The company sees investment in key big data ...

Predictive Analytics with Microsoft Azure Machine Learning, Second Edition is a practical tutorial introduction to the field of data science and machine learning, with a focus on building and deploying predictive models. The book provides a thorough overview of the Microsoft Azure Machine Learning service released for general availability on February 18th, 2015 with practical guidance for building recommenders, propensity models, and churn and predictive maintenance models. The authors use task oriented descriptions and concrete end-to-end examples to ensure that the reader can immediately begin using this new service. The book describes all aspects of the service from data ingress to applying machine learning, evaluating the models, and deploying them as web services. Learn how you can quickly build and deploy sophisticated predictive models with the new Azure Machine Learning from Microsoft. What's New in the Second Edition? Five new chapters have been added with practical detailed coverage of: Python Integration - a new feature announced February 2015 Data preparation and feature selection Data visualization with Power BI Recommendation engines Selling your models on Azure Marketplace

Data Science and Machine Learning are in high demand, as customers are increasingly looking for ways to glean insights from all their data. More customers now realize that Business Intelligence is not enough as the volume, speed and complexity of data now defy traditional analytics tools. While Business Intelligence addresses descriptive and diagnostic analysis, Data Science unlocks new opportunities through predictive and prescriptive analysis. The purpose of this book is to provide a gentle and instructionally organized introduction to the field of data science and machine learning, with a focus on building and deploying predictive models. The book also provides a thorough overview of the Microsoft Azure Machine Learning service using task oriented descriptions and concrete end-to-end examples, sufficient to ensure the reader can immediately begin using this important new service. It describes all aspects of the service from data ingress to applying machine learning and evaluating the resulting model, to deploying the resulting model as a machine learning web service. Finally, this book attempts to have minimal dependencies, so that you can fairly easily pick and choose chapters to read. When dependencies do exist, they are listed at the start and end of the chapter. The simplicity of this new service from Microsoft will help to take Data Science and Machine Learning to a much broader audience than existing products in this space. Learn how you can quickly build and deploy sophisticated predictive models as machine learning web services with the new Azure Machine Learning service from Microsoft.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

This book provides you with the skills necessary to get started with Azure Machine Learning to build predictive models as quickly as possible, in a very intuitive way, whether you are completely new to predictive analysis or an existing practitioner. The book starts by exploring ML Studio, the browser-based development environment, and explores the first step-data exploration and visualization. You will then build different predictive models using both supervised and unsupervised algorithms, including a simple recommender system. The focus then shifts to learning how to deploy a model to production and publishing it as an API. The book ends with a couple of case studies using all the concepts and skills you have learned throughout the book to solve real-world problems.

Develop and manage effective real-time streaming solutions by leveraging the power of Microsoft Azure About This Book Analyze your data from various sources using Microsoft Azure Stream Analytics Develop, manage and automate your stream analytics solution with Microsoft Azure A practical guide to real-time event processing and performing analytics on the cloud Who This Book Is For If you are looking for a resource that teaches you how to process continuous streams of data in real-time, this book is what you need. A basic understanding of the concepts in analytics is all you need to get started with this book What You Will Learn Perform real-time event processing with Azure Stream Analysis Incorporate the features of Big Data Lambda architecture pattern in real-time data processing Design a streaming pipeline for storage and batch analysis Implement data transformation and computation activities over stream of events Automate your streaming pipeline using Powershell and the .NET SDK Integrate your streaming pipeline with popular Machine Learning and Predictive Analytics modelling algorithms Monitor and troubleshoot your Azure Streaming jobs effectively In Detail Microsoft Azure is a very popular cloud computing service used by many organizations around the world. Its latest analytics offering, Stream Analytics, allows you to process and get actionable insights from different kinds of data in real-time. This book is your guide to understanding the basics of how Azure Stream Analytics works, and building your own analytics solution using its capabilities. You will start with understanding what Stream Analytics is, and why it is a popular choice for getting real-time insights from data. Then, you will be introduced to Azure Stream Analytics, and see how you can use the tools and functions in Azure to develop your own Streaming Analytics. Over the course of the book, you will be given comparative analytic guidance on using Azure Streaming with other Microsoft Data Platform resources such as Big Data Lambda Architecture integration for real time data analysis and differences of scenarios for architecture designing with Azure HDInsight Hadoop clusters with Storm or Stream Analytics. The book also shows you how you can manage, monitor, and scale your solution for optimal performance. By the end of this book, you will be well-versed in using Azure Stream Analytics to develop an efficient analytics solution that can work with any type of data. Style and approach A comprehensive guidance on developing real-time event processing with Azure Stream Analysis

Predictive Analytics with Microsoft Azure Machine Learning, Second Edition is a practical tutorial introduction to the field of data science and machine learning, with a focus on building and deploying predictive models. The book provides a thorough overview of the Microsoft Azure Machine Learning service released for general availability on February 18th, 2015 with practical guidance for building recommenders, propensity models, and churn and predictive maintenance models. The authors use task oriented descriptions and concrete end-to-end examples to ensure that the reader can immediately begin using this new service. The book describes all aspects of the service from data ingress to applying machine learning, evaluating the models, and deploying them as web services. Learn how you can quickly build and deploy sophisticated predictive models with the new Azure Machine Learning from Microsoft. What's New in the Second Edition? Five new chapters have been added with practical detailed coverage of: Python Integration - a new feature announced February 2015 Data preparation and feature selection Data visualization with Power BI Recommendation engines Selling your models on Azure Marketplace.

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Develop and manage effective real-time streaming solutions by leveraging the power of Microsoft AzureAbout This Book\* Analyze your data from various sources using Microsoft Azure Stream Analytics\* Develop, manage and automate your stream analytics solution with Microsoft Azure\* A practical guide to real-time event processing and performing analytics on the cloudWho This Book Is ForIf you are looking for a resource that teaches you how to process continuous streams of data in real-time, this book is what you need. A basic understanding of the concepts in analytics is all you need to get started with this bookWhat You Will Learn\* Perform real-time event processing with Azure Stream Analysis\* Incorporate the features of Big Data Lambda architecture pattern in real-time data processing\* Design a streaming pipeline for storage and batch analysis\* Implement data transformation and computation activities over stream of events\* Automate your streaming pipeline using Powershell and the .NET SDK\* Integrate your streaming pipeline with popular Machine Learning and Predictive Analytics modelling algorithms\* Monitor and troubleshoot your Azure Streaming jobs effectivelyIn DetailMicrosoft Azure is a very popular cloud computing service used by many organizations around the world. Its latest analytics offering, Stream Analytics, allows you to process and get actionable insights from different kinds of data in real-time.This book is your guide to understanding the basics of how Azure Stream Analytics works, and building your own analytics solution using its capabilities. You will start with understanding what Stream Analytics is, and why it is a popular choice for getting real-time insights from data. Then, you will be introduced to Azure Stream Analytics, and see how you can use the tools and functions in Azure to develop your own Streaming Analytics. Over the course of the book, you will be given comparative analytic guidance on using Azure Streaming with other Microsoft Data Platform resources such as Big Data Lambda Architecture integration for real time data analysis and differences of scenarios for architecture designing with Azure HDInsight Hadoop clusters with Storm or Stream Analytics. The book also shows you how you can manage, monitor, and scale your solution for optimal performance.By the end of this book, you will be well-versed in using Azure Stream Analytics to develop an efficient analytics solution that can work with any type of data.Style and approachA comprehensive guidance on developing real-time event processing with Azure Stream Analysis

Get up-to-speed with Microsoft's AI Platform. Learn to innovate and accelerate with open and powerful tools and services that bring artificial intelligence to every data scientist and developer. Artificial Intelligence (AI) is the new normal. Innovations in deep learning algorithms and hardware are happening at a rapid pace. It is no longer a question of should I build AI into my business, but more about where do I begin and how do I get started with AI? Written by expert data scientists at Microsoft, Deep Learning with the Microsoft AI Platform helps you with the how-to of doing deep learning on Azure and leveraging deep learning to create innovative and intelligent solutions. Benefit from guidance on where to begin your AI adventure, and learn how the cloud provides you with all the tools, infrastructure, and services you need to do AI. What You'll Learn Become familiar with the tools, infrastructure, and services available for deep learning on Microsoft Azure such as Azure Machine Learning services and Batch AI Use pre-built AI capabilities (Computer Vision, OCR, gender, emotion, landmark detection, and more) Understand the common deep learning models, including convolutional neural networks (CNNs), recurrent neural networks (RNNs), generative adversarial networks (GANs) with sample code and understand how the field is evolving Discover the options for training and operationalizing deep learning models on Azure Who This Book Is For Professional data scientists who are interested in learning more about deep learning and how to use the Microsoft AI platform. Some experience with Python is helpful.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

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