

Overview

Activity

Challenges

Certifications

Collections

Following

Achievements

Settings

# **Badges**



Insert and query data in your Azure Cosmos DB database

Completed on 12/18/2018



Align requirements with cloud types and service models in Azure

Completed on 12/20/2018



Automate Azure tasks using scripts with PowerShell

Completed on 12/20/2018



Tour Azure services and features

Completed on 12/17/2018



Compare two samples by bootstrapping

Completed on 10/28/2020



Control and organize Azure resources with Azure Resource Manager

Completed on 12/21/2018



Control Azure services with the CLI

Completed on 12/20/2018



Build a .NET Core app for Azure Cosmos DB in Visual Studio Code

Completed on 12/18/2018



Create an Azure Cosmos DB database built to scale

Completed on 12/18/2018



Create and manipulate tables using the datascience library

Completed on 10/26/2020



Automate machine learning model selection with Azure Machine Learning

Completed on 10/18/2020



Introduction to the Azure Machine Learning SDK

Completed on 10/17/2020



BADGE

Deploy real-time machine learning services with Azure Machine Learning

Completed on 10/18/2020



Train a machine learning model with Azure Machine Learning

Completed on 10/18/2020



Design for availability and recoverability in Azure

Completed on 12/22/2018



BADGE

Design for efficiency and operations in Azure

Completed on 12/21/2018



Design for performance and scalability in Azure

Completed on 12/22/2018



Design for security in Azure

Completed on 12/21/2018



Design and plot graphs in Python

Completed on 10/26/2020



Distribute your data globally with Azure Cosmos DB

Completed on 12/18/2018



Introduction to probability

Completed on 10/26/2020



BADGE

Introduction to python using the datascience library

Completed on 10/25/2020



RADGE

Introduction to Azure virtual machines

Completed on 12/22/2018



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Security, responsibility, and trust in Azure

Completed on 12/17/2018



BADG

Core Cloud Services - Azure networking options

Completed on 12/17/2018



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Core Cloud Services - Azure compute options

Completed on 12/17/2018



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Core Cloud Services - Azure data storage options

Completed on 12/17/2018



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Learn the data science method

Completed on 10/25/2020



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Make predictions with linear regression

Completed on 10/28/2020



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Pillars of a great Azure architecture

Completed on 12/21/2018



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Predict classes with a knn classifier

Completed on 10/29/2020



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Predict costs and optimize spending for Azure

Completed on 12/20/2018



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Cloud Concepts - Principles of cloud computing

Completed on 12/17/2018



BADG

Simulate the distribution of regression coefficients

Completed on 10/28/2020



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Simulate and generate empirical distributions in Python

Completed on 10/27/2020



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Test hypothesis by simulating statistics

Completed on 10/27/2020



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Understand the normal curve

Completed on 10/28/2020



RADGE

Core Cloud Services - Introduction to Azure

Completed on 12/17/2018



RADGE

Build and query a Delta Lake

Completed on 10/25/2020



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Create a classification model with Azure Machine Learning designer

Completed on 10/24/2020



RADGE

Create a Clustering Model with Azure Machine Learning designer

Completed on 10/24/2020



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Orchestrate machine learning with pipelines

Completed on 10/18/2020



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Create a Regression Model with Azure Machine Learning designer



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Deep learning with Horovod for distributed training

Completed on 10/25/2020



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Deploy batch inference pipelines with Azure Machine Learning

Completed on 10/24/2020





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# Describe Azure Databricks

Completed on 10/24/2020



#### BADGE

Detect and mitigate unfairness in models with Azure Machine Learning

Completed on 10/18/2020



#### BADG

Explain machine learning models with Azure Machine Learning

Completed on 10/18/2020



#### BADGE

Explore and analyze data with Python

Completed on 10/24/2020



#### BADGE

Monitor data drift with Azure Machine Learning

Completed on 10/18/2020



#### BADGE

Monitor models with Azure Machine Learning

Completed on 10/18/2020



#### BADGE

Perform machine learning with Azure Databricks

Completed on 10/25/2020



#### BADGE

Perform model selection with hyperparameter tuning

Completed on 10/25/2020



### $\mathsf{B}\,\mathsf{A}\,\mathsf{D}\,\mathsf{G}\,\mathsf{E}$

Read and write data in Azure Databricks

Completed on 10/25/2020



#### BADG

Spark architecture fundamentals

Completed on 10/24/2020



#### BADGE

Train and evaluate classification models

Completed on 10/24/2020



### BADGE

Train and evaluate clustering models

Completed on 10/24/2020



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Train and evaluate deep learning models

Completed on 10/24/2020



# BADGE

Train and evaluate regression models

Completed on 10/24/2020



# BADGE

Train a machine learning model

Completed on 10/25/2020



# BADG

Tune hyperparameters with Azure Machine Learning

Completed on 10/18/2020



# BADGE

Use automated machine learning in Azure Machine Learning

Completed on 10/23/2020



# BADGE

Work with Compute in Azure Machine Learning

Completed on 10/18/2020



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Work with DataFrames in Azure Databricks

Completed on 10/25/2020



# BADGI

Work with Azure Machine Learning to deploy serving models

Completed on 10/25/2020



# BADGE

Work with Data in Azure Machine Learning

Completed on 10/18/2020





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Work with MLflow in Azure Databricks

Completed on 10/25/2020

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Work with user-defined functions

Completed on 10/25/2020

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# **Trophies**



Azure

 $\begin{tabular}{ll} $\mathsf{TROPHY} \\ $\mathsf{Architect}$ great solutions in \\ \end{tabular}$ 

Completed on 12/22/2018



TPOPHV

Azure fundamentals

Completed on 12/17/2018



TROPHY

Build and operate machine learning solutions with Azure Machine Learning

Completed on 10/18/2020



TROPHY

Foundations of data science

Completed on 10/29/2020



TROPHY

Manage resources in Azure

Completed on 12/20/2018



TROPHY

Work with NoSQL data in Azure Cosmos DB

Completed on 12/18/2018



TPOPH

Create machine learning models

Completed on 10/24/2020



тровыч

Use visual tools to create machine learning models with Azure Machine Learning

Completed on 10/24/2020



TROPHY

Perform data science with Azure Databricks

Completed on 10/25/2020