DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks

Category: AI, Data & Analytics | **Vendor:** Microsoft

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Azure Databricks is a cloud-scale platform for data analytics and machine learning. In this course, students will learn how to use Azure Databricks to explore, prepare, and model data; and integrate Databricks machine learning processes with Azure Machine Learning.

About This Course

Azure Databricks is a cloud-scale platform for data analytics and machine learning. In this course, students will learn how to use Azure Databricks to explore, prepare, and model data; and integrate Databricks machine learning processes with Azure Machine Learning.

Who Should Attend

This course is designed for data scientists with experience of Python who need to learn how to apply their data science and machine learning skills on Azure Databricks.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing this course, you will be able to:

Provision an Azure Databricks workspace and cluster

Use Azure Databricks to train a machine learning model

Use MLflow to track experiments and manage machine learning models

Integrate Azure Databricks with Azure Machine Learning

Detailed Course Outline

Introduction to Azure Databricks

- Getting Started with Azure Databricks
- Working with Data in Azure Databricks

Training and Evaluating Machine Learning Models

- Preparing Data for Machine Learning
- Training a Machine Learning Model

Managing Experiments and Models

- Using MLflow to Track Experiments
- Managing Models

Managing Experiments and Models

- Using MLflow to Track Experiments
- Managing Models

Integrating Azure Databricks and Azure Machine Learning

- Tracking Experiments with Azure Machine Learning
- Deploying Models

Additional Course Details

Nexus Humans DP-090: Implementing a Machine Learning Solution with Microsoft Azure Databricks training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the DP-090: Implementing a Machine Learning Solution with Microsoft Azure Databricks course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks?

Yes, we provide corporate training, dedicated training, and closed classes for DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: dp90 dp090 dp-90 dp 90

Q: Why choose Nexus Human for DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your DP-090T00: Implementing a Machine Learning Solution with Microsoft Azure Databricks training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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