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AZURE Data Engineer



Access to Interview Opportunities with Top Companies



Industry-Relevant Curriculum Designed and Taught by Industry Experts



Hands on Project and Industry Specific Tools



Dedicated Career Support and Interview Preparation



Post Graduate Certificate from Great Lakes Executive Learning



In the rapidly evolving landscape of the IT industry, choosing to undertake an Azure course holds numerous advantages for professionals and organizations alike. As one of the foremost cloud service providers globally, Azure has gained widespread recognition and is a preferred choice for businesses seeking robust cloud solutions. The integration of Azure with Microsoft technologies enhances its appeal, especially in environments heavily reliant on Windows Server, Active Directory, and .NET. A key strength of Azure lies in its diverse range of services, spanning computing, networking, databases, analytics, machine learning, and more. Professionals embarking on Azure training can build a versatile skill set applicable to a wide array of IT scenarios. Notably, Azure's strong focus on hybrid cloud solutions caters to organizations operating both on-premises and in the cloud, providing flexibility and scalability. In conclusion, opting for an Azure course presents an opportunity to acquire skills aligned with a leading cloud platform, empowering professionals to navigate the dynamic IT landscape with confidence and contributing to organizational success in an increasingly digital world.





The Program helps you do grow and bloom in Industry and developed by best-in-class industry experts. It offers a blend of online learning with live and recorded lectures along with access to dedicated career support and rewarding job opportunities.

LEARN ONLINE ANYTIME, ANYWHERE

Learn from live masterclasses by top industry leaders and online lab sessions every week, along with 100+ hours of learning content.

WEEKLY ONLINE MENTORSHIP FROM EXPERTS

Get assistance on projects and reinforce the concepts you learn through weekly mentorship sessions.

NETWORK WITH LIKE-MINDED PEERS

Interact with peers from diverse backgrounds and

grow your professional network.

DEDICATED PROGRAM SUPPORT

Access dedicated support on your learning journey and resolve for all your queries with help from a dedicated Program Manager.



A fresh graduate or a working professional looking to up-skill and build a career.



LEARNING PLAN

AZURE Data Engineer

Module 1: Introduction to Azure Data Platform

1.1 Overview of Azure Cloud Services

1.2 Importance of Data Engineering in Azure

Module 2: Azure Data Storage Services

2.1 Azure Blob Storage

2.1.1 Introduction to Blob Storage

2.1.2 Creating and Managing Containers

2.1.3 Uploading and Managing Data in Blob Storage

2.1 Azure Blob Storage

2.1.1 Introduction to Blob Storage

2.1.2 Creating and Managing Containers

2.1.3 Uploading and Managing Data in Blob Storage

2.3 Azure SQL Database

2.3.1 Introduction to Azure SQL Database

2.3.2 Creating Databases and Tables

2.3.3 Data Ingestion and Querying

Module 3:Data Ingestion

3.1 Azure Data Factory

3.1.1 Introduction to Azure Data Factory

3.1.2 Data Pipelines

3.1.3 Data Integration and Transformation

3.2 Azure Event Hubs

3.2.1 Introduction to Event Hubs

3.2.2 Creating and Configuring Event Hubs

3.2.3 Streaming Data Ingestion

3.3 Azure Data Migration Services

3.3.1 Data Migration Strategies

3.3.2 Using Azure Data Migration Services

Module 4: Data Transformation and Processing

4.1 Azure Databricks

4.1.1 Introduction to Databricks

4.1.2 Spark-Based Data Processing

4.1.3 ETL Workflows

4.2 Azure HDInsight

4.2.1 Overview of HDInsight

4.2.2 Hadoop, Spark, and HBase Clusters

4.2.3 Big Data Processing

4.3 Azure Stream Analytics

4.3.1 Real-time Data Processing

4.3.2 Querying and Analytics

Module 5: Data Storage Optimization and Security

5.1 Data Compression and Encryption

5.1.1 Techniques for Data Compression

5.1.2 Data Encryption Strategies

5.2 Data Governance and Compliance

5.2.1 Implementing Data Governance

5.2.2 Compliance in Azure Data

Module 6: Monitoring and Performance Optimization

6.1 Azure Monitor and Azure Log Analytics

6.1.1 Monitoring Azure Data Services

6.1.2 Log Analytics for Troubleshooting

6.2 Performance Tuning

6.2.1 Identifying Performance Bottlenecks

6.2.2 Performance Optimization Techniques

Module 7: Advanced Topics

7.1 Data Warehousing with Azure Synapse Analytics

7.1.1 Introduction to Synapse Analytics

7.1.2 Data Warehousing Concepts

7.2 Machine Learning and AI Integration

7.2.1 Using Azure Machine Learning

7.2.2 Integrating AI into Data Pipelines

Module 8:Final Project and Certification

8.1 Real-World Data Engineering Project

8.2 Certification Exam Preparation



READY TO ADVANCE YOUR CAREER?

About us: <https://youtu.be/TY0Bqj1F21w>

app-<https://play.google.com/store/apps/details?id=com.livecourses.virajetech>

youtube-<https://www.youtube.com/@virajetechlive1596/videos>

whatsapp group link -

<https://chat.wG2J3zSeX3eZ2Hz0nDu18UF>