



AZURE & MICROSOFT FABRIC FOR POWER BI

STEP BY STEP APPROACHES TO BECOME A SUCCESSFUL AWS DATA ENGINEERING



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Interview Preparation & Become a job ready

WHAT YOU WILL GET AFTER COMPLETION OF THIS COURSE



Course Completion certificate



Bulding an impressive LINKEDIN and NAUKRI Profile



Client handling Techniques



Resume Forwarding to Recruitment Team & Support till you get Interview Calls



Building an Impressive ATS Friendly Resume



Interview Preparation Tips and Mock Interviews



Interview Preparation Tips and Soft Skills and Corporate Office Etiquette's



LMS Platform Access for 365 Days (All Recorded Sessions)



Attend 1 Week Free Sessions



100% Job Assistance



Projects (6 Hours)
ADF – Power BI Project
Fabric – Power BI Project



Course Curriculum

Azure



Azure Blob Storage



Azure DataLake Storage



Azure Data Factory



Azure SQL Database



MICROSOFT FABRIC



About KSR Datavizon

Welcome to KSR Datavizon, we are your one-stop solution for all trending technologies. We provide in-depth knowledge about all trending courses with 100% placement guaranteed. You also will get hands-on demonstrations, interactive live sessions to learn and grow more on current trending courses like AI, Machine Learning, Data Science, Cloud Computing, Full stack Development, Cyber Security, Credit Risk modelling, DevOps, Azure, AWS, PowerBi, Web Development, Data Engineer, ADF, MSBI and Snowflakes and many more.

You also get career guidance, soft skills sessions and resume building and all other interview tips to get settled in your dream career.

Why Azure for Power BI

Getting Started with Azure

Azure acts as a powerful amplifier for Power BI, pushing its capabilities beyond on-premises limitations and unlocking advanced functionality. While Power BI offers a robust BI platform on its own, integrating Azure unlocks a whole new realm of possibilities for data analysis, visualization, and decision-making.

The importance of Azure for Power BI can be summarized in three key areas: scalability, advanced capabilities, and enhanced decision-making. Here's a breakdown:

Scalability:

- Handling large datasets: Azure provides the cloud infrastructure and data storage solutions (like Azure Synapse Analytics) to handle massive data volumes that might overwhelm on-premises systems. This is crucial for organizations dealing with big data or rapid data growth. Increased processing power: Azure's cloud computing resources allow for parallel processing and distributed workload management, significantly boosting the speed and efficiency of data analysis and report generation in Power BI.

Advanced capabilities:

- AI and Machine Learning integration: Azure Machine Learning and Cognitive Services can be seamlessly integrated with Power BI, enabling users to embed AI-powered insights and predictions into their reports and dashboards. This opens doors to data-driven decision making and proactive problem-solving.

Enhanced data visualizations: Azure offers a wider range of data visualization options beyond Power BI's native capabilities. Services like Azure Maps and Power BI Custom Visuals can enrich reports with interactive maps, custom charts, and 3D visualizations, leading to deeper data understanding. Enhanced decision-making:

- Real-time data insights: Azure services like Azure Stream Analytics enable real-time data processing and visualization within Power BI, allowing users to make informed decisions based on the latest information. This is particularly valuable for scenarios like live monitoring and tracking events. Collaborative data exploration: Azure cloud storage and access controls facilitate secure data sharing and collaboration on Power BI reports and dashboards across teams and departments. This fosters data-driven communication and decision-making at all levels.



**UNLOCKING DATA SUPERPOWERS:
POWER BI + AZURE + FABRIC - A
MATCH MADE IN ANALYTICS HEAVEN**

Click the Link

Course curriculum

Azure Topics

Introduction to Cloud Computing



- Introduction to Cloud Computing
- Different cloud platforms Could Services
- PaaS, IaaS, SaaS

Azure



- Azure
- Introduction to Azure
- Azure Overview
- AZURE Free Account
- Azure Portal
- Azure Services and Applications

Azure Blob Storage



- What are Storage account?
- How to create blob storage

Azure Datalake Storage



Azure Datalake



- Data Lake in Azure?
- What are storage services and why Data lake in Azure

Course curriculum

Azure Topics

Azure Datalake Storage



- How to create the Data lake sevices in Azure.
- Gen1 vs Gen2 Datalake difference.
- Creation of containers and folders.
- Use case in storing large data and integration of ADF copy activities in Data Lakes

Azure Data Factory



- Why and what is ETL with its components.
- ADF introduction Components of ADF
- Linked Services
- Datasets Activity Pipelines
- Triggers
- Integration runtime and types
- End to End Pipeline (ADLS-> ADF -> Azure SQL)

Azure SQL Database



Azure SQL Database



- Types of databases
- Database pricing
- How to create sql database
- Database configurations
- Pipeline implementation



Fabric

Course curriculum

Introduction to Fabric



- What is Microsoft Fabric
 - Components of Microsoft Fabric
 - Microsoft Fabric terminology
 - Microsoft Fabric Architecture
 - Trial Types
 - Limitations
-

Fabric Components



- Data Engineering
 - Data Factory
 - Data Science
 - Real-Time Analytics
-

OneLake



OneLake



- OneLake and lakehouse
 - Fabric solutions
-

Future Scope



- Latest Updates
 - Known limitations
 - Future Scope
-

Copilot



- Overview of Copilot in Fabric and Power BI (preview)

OUR PLACEMENTS



Mr . Srikanth Reddy k
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HCLTech



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OUR PLACEMENTS



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carelon
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Mr .Inturi Babu

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Welcome to possible



Mr .Mehala Rasu

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Mr .Vijay Bhaskar

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Mr .Punitraj

Data analyst



Mr .Nishith

Data analyst



Ms .Deepthi

Data analyst



Mr .Devendra Reddy

Snowflake Developer



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