

Excel Geniuses
Data Analytics

888 678 4040
www.excelgeniuses.com

Duration: 90 Days

Training end to end & job succour
Project-Based Learning (PBL)
Use Case-Driven Teaching
Blended Learning (Live + Self-Paced)
Scenario Based Interview Questions
Domain+Chat GPT Training

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Excel Geniuses
Data Engineer

888 678 4040
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Duration: 100 Days

Training end to end & job succour
Project-Based Learning (PBL)
Use Case-Driven Teaching
Blended Learning (Live + Self-Paced)
Scenario Based Interview Questions
Domain+Chat GPT Training

Microsoft Fabric Training Content Outline

1. Introduction to Microsoft Fabric

- Overview of Microsoft Fabric
- Key Features and Capabilities
- Use Cases and Benefits

2. Setting Up Microsoft Fabric

- Creating a Microsoft Fabric Account
- Navigating the User Interface
- Components of Microsoft Fabric (Data Factory, Power BI, Data Warehouse)

3. Data Integration and Management

- Connecting to Data Sources
- Data Ingestion Techniques
- Using Dataflows for Data Transformation

4. Working with Data in Microsoft Fabric

- Understanding Datasets and Tables
- Basic Data Operations (CRUD)
- Advanced Data Manipulation Techniques

5. Analyzing Data with Power BI

- Introduction to Power BI
- Creating Reports and Dashboards
- Data Visualization Techniques

6. Data Modeling

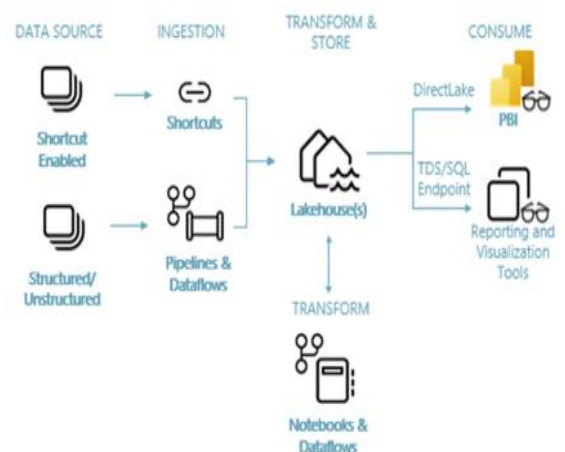
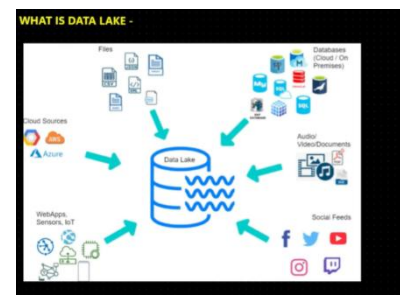
- Building Data Models in Microsoft Fabric

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Microsoft Fabric
Tools

Data Engineer	Data Scientist	Data Analyst	Data Citizen
Data Factory Synapse Data Engineering Synapse Data Warehouse Synapse Real Time Analytics	Synapse Data Science	Synapse Data Warehouse Synapse Real Time Analytics Power BI Data Activator	Power BI Data Activator

OneLake



- **Understanding Relationships and Measures**
- **Implementing Calculated Columns and Tables**

7. Machine Learning and Artificial Intelligence

- **Introduction to AI and ML Features in Fabric**
- **Building and Deploying Models**
- **Using Azure Machine Learning Integrations**

8. Jobs and Automation in Microsoft Fabric

- **Overview of Jobs in Microsoft Fabric**
- **Creating and Scheduling Jobs**
- **Monitoring and Managing Automation Tasks**

9. Collaboration and Sharing

- **Best Practices for Collaboration**
- **Sharing Reports and Dashboards**
- **Integrating with Other Microsoft Services (Teams, SharePoint)**

10. Performance Tuning and Optimization

- **Best Practices for Performance Tuning**
- **Monitoring Performance Metrics**
- **Resource Management in Microsoft Fabric**

11. Real-World Applications and Projects

- **Industry Case Studies**
- **Hands-On Projects to Reinforce Learning**
- **Best Practices and Tips**

12. Conclusion

- **Summary of Key Learnings**
- **Resources for Continued Learning**
- **Future Trends in Data Fabric Technologies**