Azure Synapse Analytics Service

formally known as Azure Data warehouse service

Eshant Garg

Data Engineer, Architect, Advisor

eshant.garg@gmail.com

Azure Synapse Analytics

Expected Outcomes

- Microsoft Synapse Analytics Service

- Traditional vs Modern vs Synapse Architecture differences

- MPP, Partitioning, Sharding patterns, Distribution keys, etc.

- PolyBase, Data Migration, Security, etc

- Configuration, Backups, Pricing, Monitoring, etc.

- 100% syllabus covered for DP-200/201 certifications

Azure
Synapse
Analytics

What's inside

- PPTs

- Demo Resources

- Imp Links

- Certification questions

- Assessment etc.

Azure
Synapse
Analytics

Intended Audience

- SQL Developers

- BI Developers

- DBAs

- Anyone who wants to start learning warehousing and Data Engineering in cloud

Azure Synapse Analytics

Prerequisites

- Basic T-SQL and Database concepts

- Azure Free trial Subscription

Course Overview

- What is Azure Synapse Analytics service

- Data Warehouse Crash course – at the end of course

- Why Data Warehousing in Cloud

- Traditional vs Modern vs Synapse DW Architecture

- Provision, Configure and Scale Synapse Service

- MPP, Table types, Partitioning, etc.

- Data Migration Techniques, PolyBase

- Security layers

- Configuration & Common tasks

- Backup and Restore

- Pricing, Managing Workloads, etc.

- Monitoring, Resource Health, Support, etc.

Azure
Synapse
Analytics