HOPE Foundation's
Finolex Academy of Management & Technology, Ratnagiri
Department of Computer Science & Engineering (AIML)

CSE Department Held Online Training Programme on Microsoft Azure Virtual Training Day: Data Fundamentals

An Online Training Programme on Microsoft Azure Virtual Training Day: Data Fundamentals was organized by the Department of Computer Science & Engineering (AIML) on 22nd March 2022.

This program covered the following key objectives of Data Science:
1. Exploration of core data concepts
2. Relational & non-relational data in Azure
3. Modern data warehousing in Azure

The sessions gave a comprehensive overview of the state of art trends in data fundamentals involving an extensive overview of relational & non-relational data concepts in Azure. The students were benefitted with valuable core concepts of data fundamentals, which would motivate them to pursue their careers as data professionals.

The program was initiated by HOD(CSE(AIML)), Prof. Vrishali V. Nimbalkar and organized by Prof. Shashank S. Tolye. The training was attended by a total of 22 students. All the attendee students enthusiastically attended the programme and were satisfied by the valuable knowledge delivered by the Microsoft Professionals.
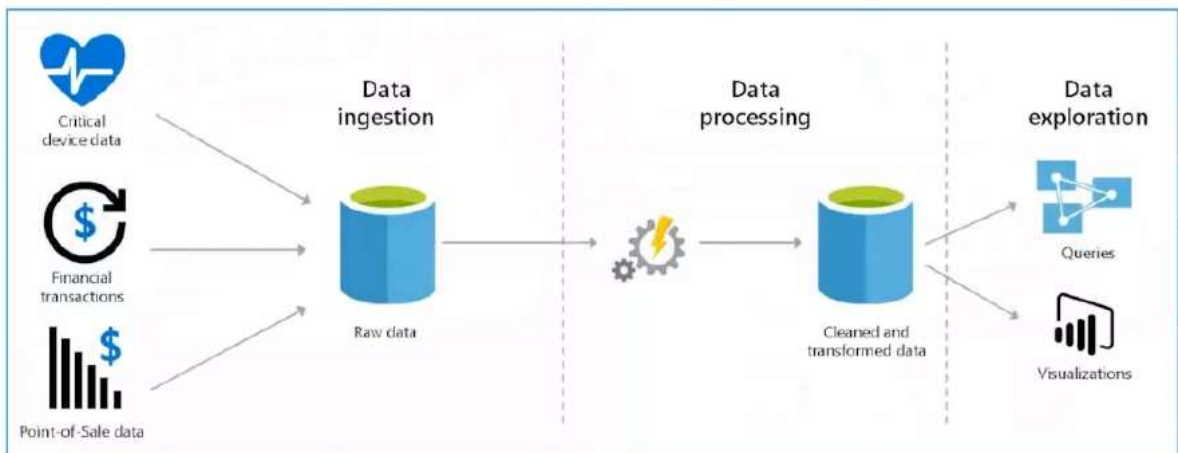
Photographs

Common tools – Data engineering

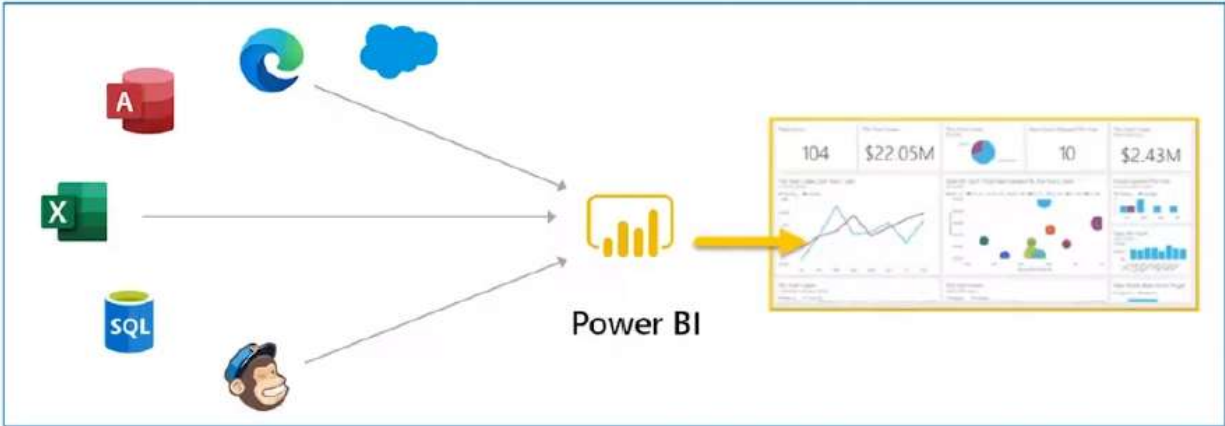| Azure Synapse Studio	SQL Server Management Studio	Azure Portal/CLI
Azure Portal integrated to manage Azure Synapse Data Ingestion (Azure Data Factory) Management of Azure Synapse assets (SQL Pools/Spark Pool)	Graphical interface for managing on-premises and cloud-based data services Runs on Windows Comprehensive Database Administration tool	Tools for management and provisioning of Azure resources Manual and automation of scripts using Azure Resource Manager or Command Line Interface scripting

Exploration of Data Engineering concept in progress

What is data ingestion?

Exploration of Data Ingestion.

Explore data visualization

Power BI: A collection of software, services, apps, and connectors

Discussion on Data Visualization.