

Name: Abhishek Kanoujia

DATA ENGINEERING BATCH 1

DAY 28 ASSIGNMENT

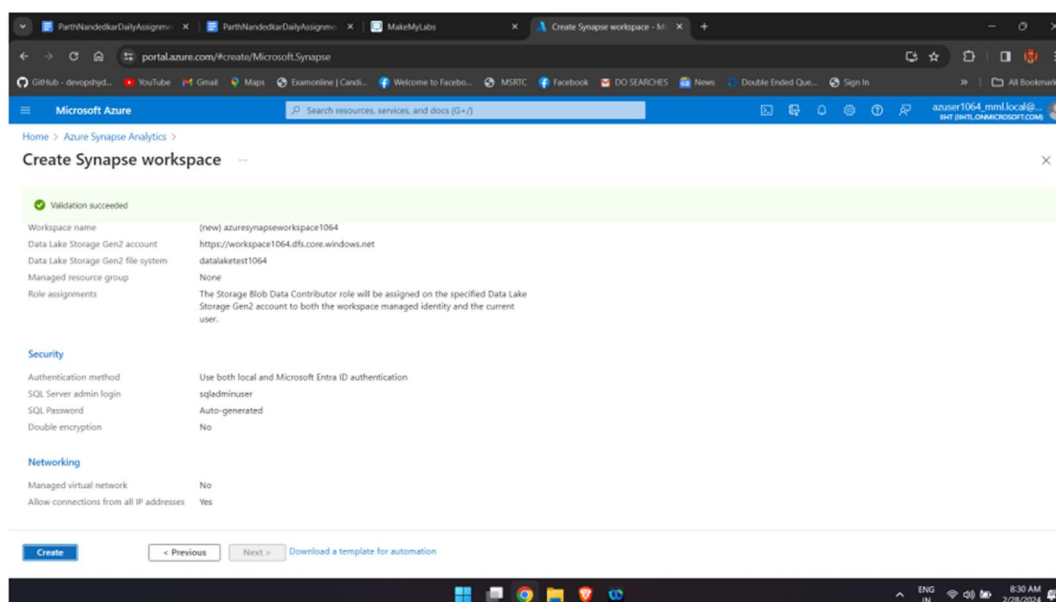
Azure Synapse Analytics, formerly known as Azure SQL Data Warehouse, is a cloud-based analytics service provided by Microsoft Azure. It's a unified analytics platform that integrates enterprise data warehousing and big data analytics. Azure Synapse aims to streamline the process of ingesting, preparing, managing, and serving data for immediate business intelligence and machine learning needs.

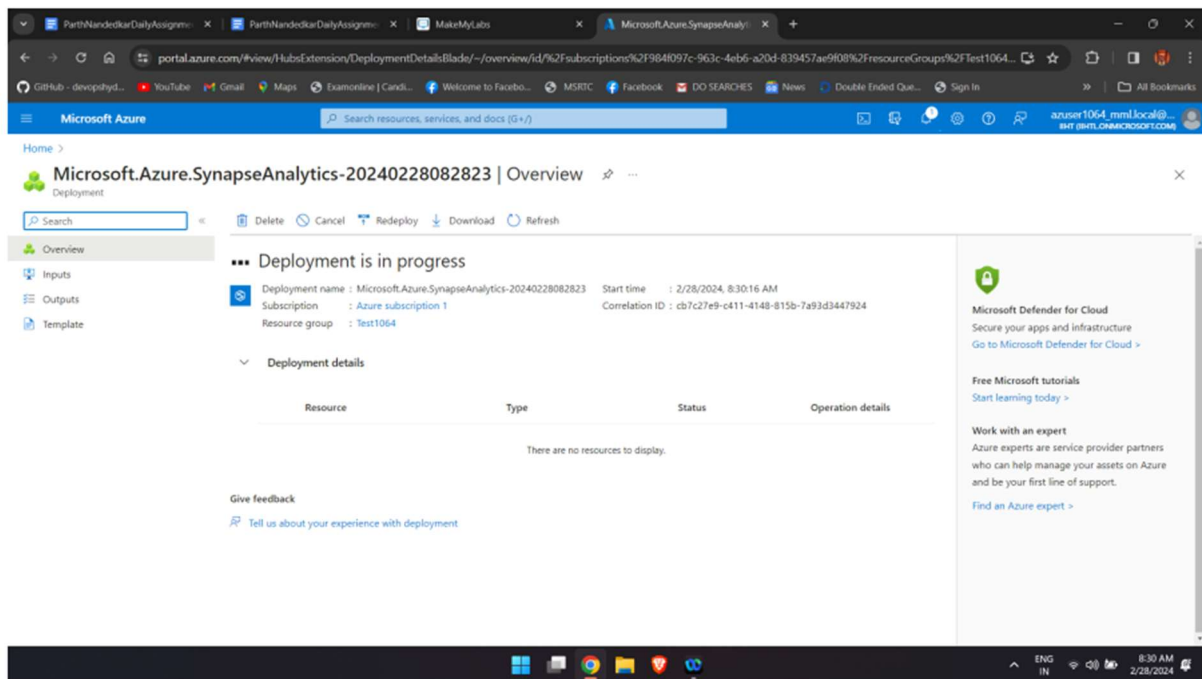
Hands-On :

How Azure Synapse can be used to manage all the services linked with with same workspace and resource group.

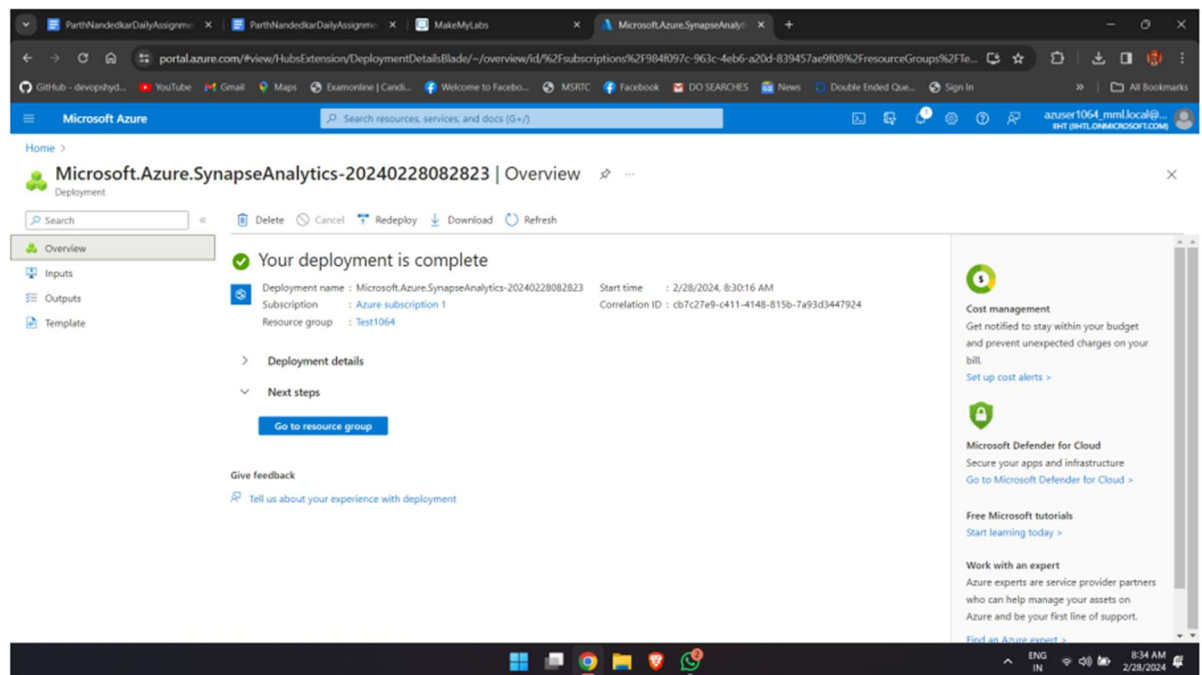
Not only just for Analytics purpose but also for managing the data sources, manipulation of the data, connecting the resources and managing it Azure Synapse can be used.

Creating Account :





Deploying Azure Synapse :



Connecting and working on resources :

The screenshot shows the Microsoft Azure portal interface for the 'Test1064' resource group. The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, Locks, Cost Management, Cost analysis, and Cost alerts (preview). The main content area displays the 'Essentials' section for the resource group, showing a list of resources. The resources are listed in a table with columns for Name, Type, and Location. The table shows 14 records, with the first 7 visible. The resources are all located in East US.

Name	Type	Location
adis10test1	Storage account	East US
adisinput1064	Storage account	East US
adisoutput1064	Storage account	East US
azuresynapseworkspace1064	Synapse workspace	East US
bolttoad1064	Data factory (V2)	East US
etistoragead12	Storage account	East US
etistoragead12	Storage account	East US