# Explore Spark Streaming in Azure Synapse Analytics

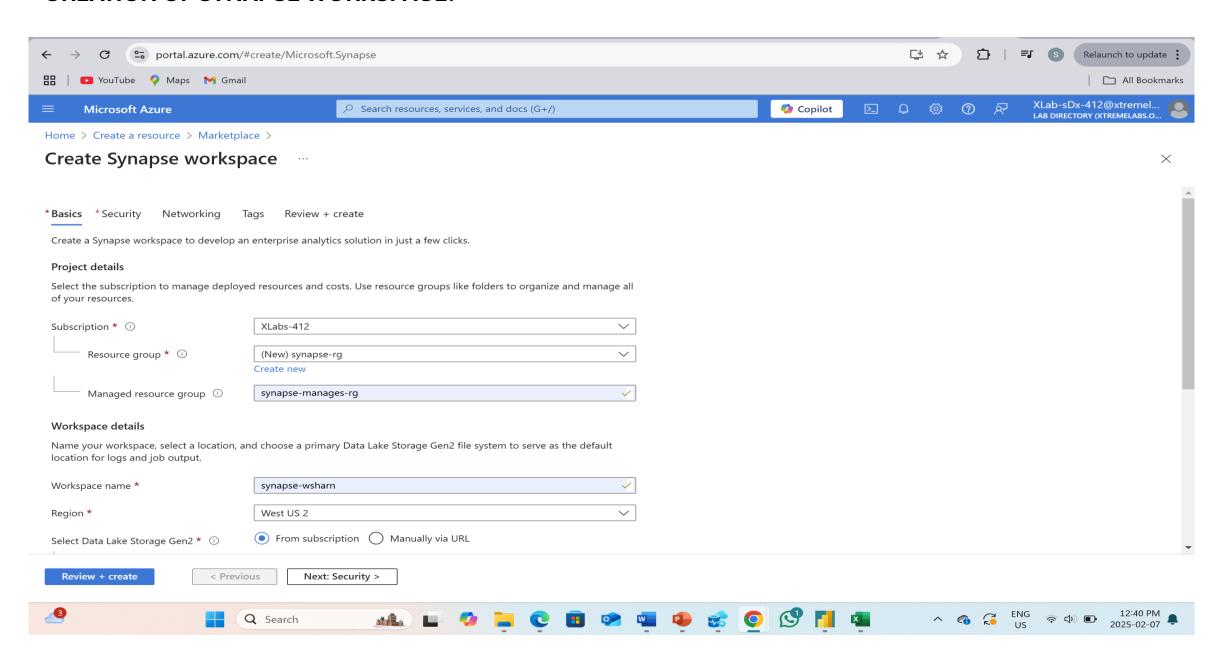
SUBMITTED BY: SHARNDEEP KAUR

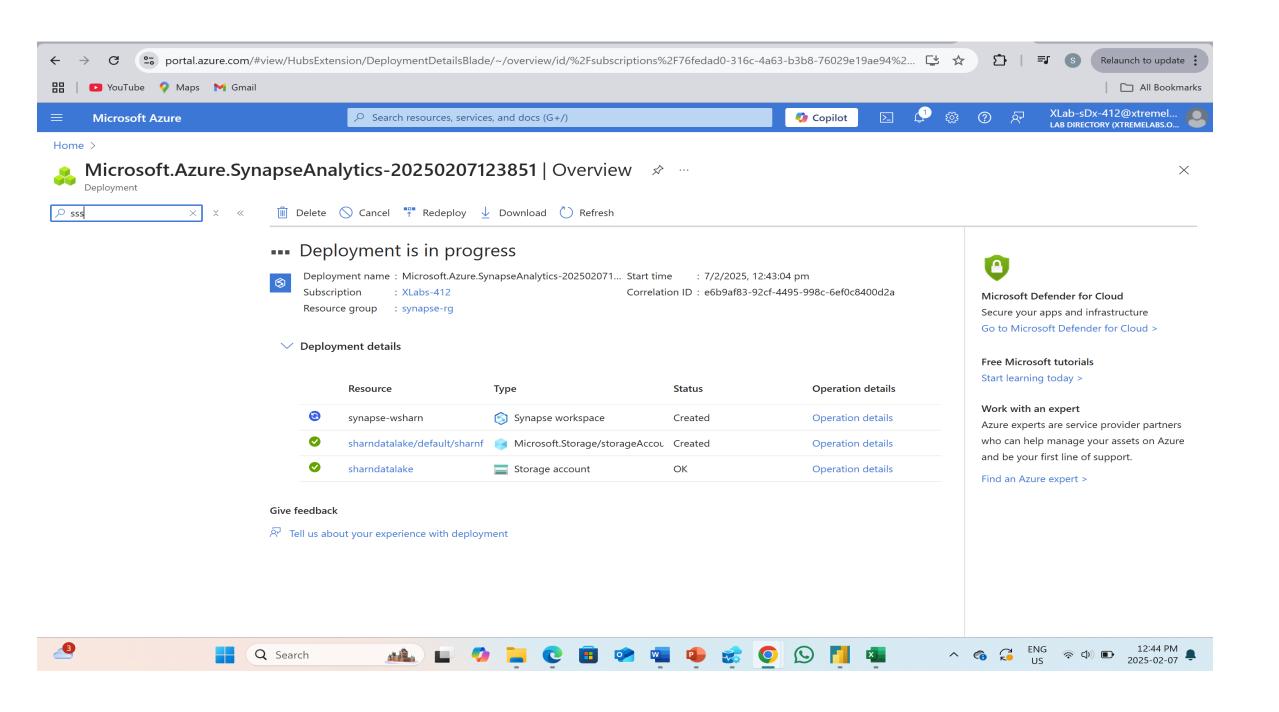
https://www.linkedin.com/in/sharndeep-kaur-b866441a6/

### **LEARNING OUTCOMES:**

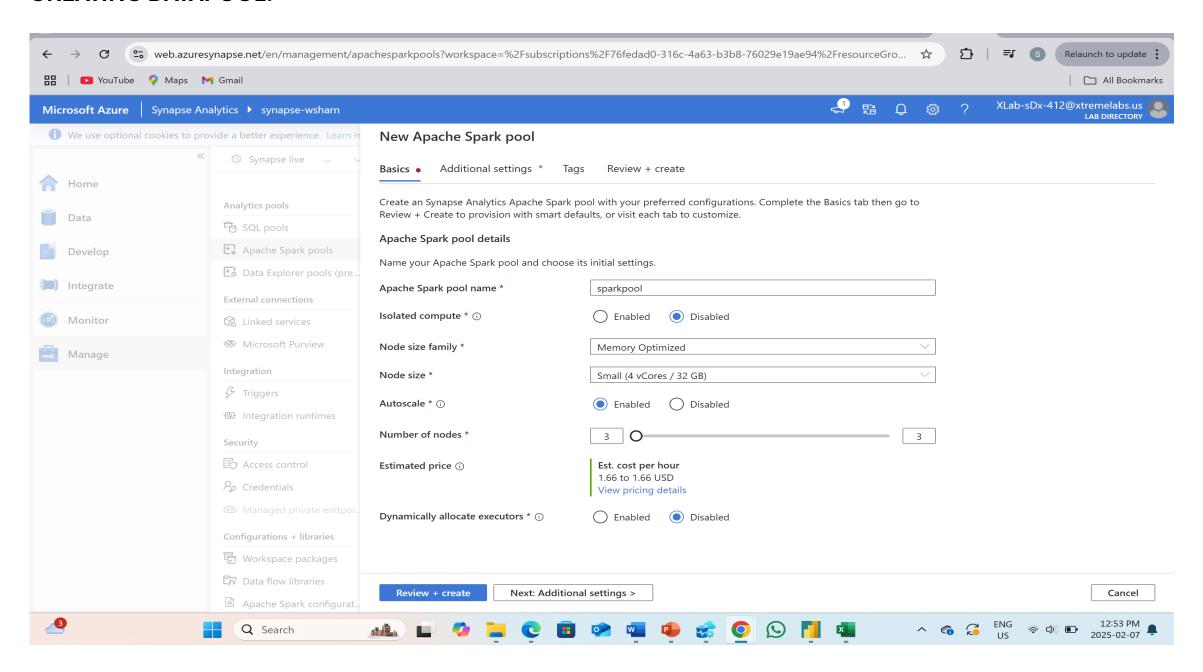
Provisioning a Synapse Workspace – Learn how to set up an Azure Synapse Analytics workspace, including creating necessary resources like a Data Lake storage account and Spark pool.
Setting Up and Using Spark Pools – Understand how to create and configure an Apache Spark pool within Synapse Analytics for processing big data workloads.
Exploring Stream Processing – Gain hands-on experience with Spark Structured Streaming and Delta Tables to process streaming data efficiently.
Managing Azure Resources – Learn how to clean up resources in Azure to optimize costs by deleting unnecessary resource groups after completing tasks.

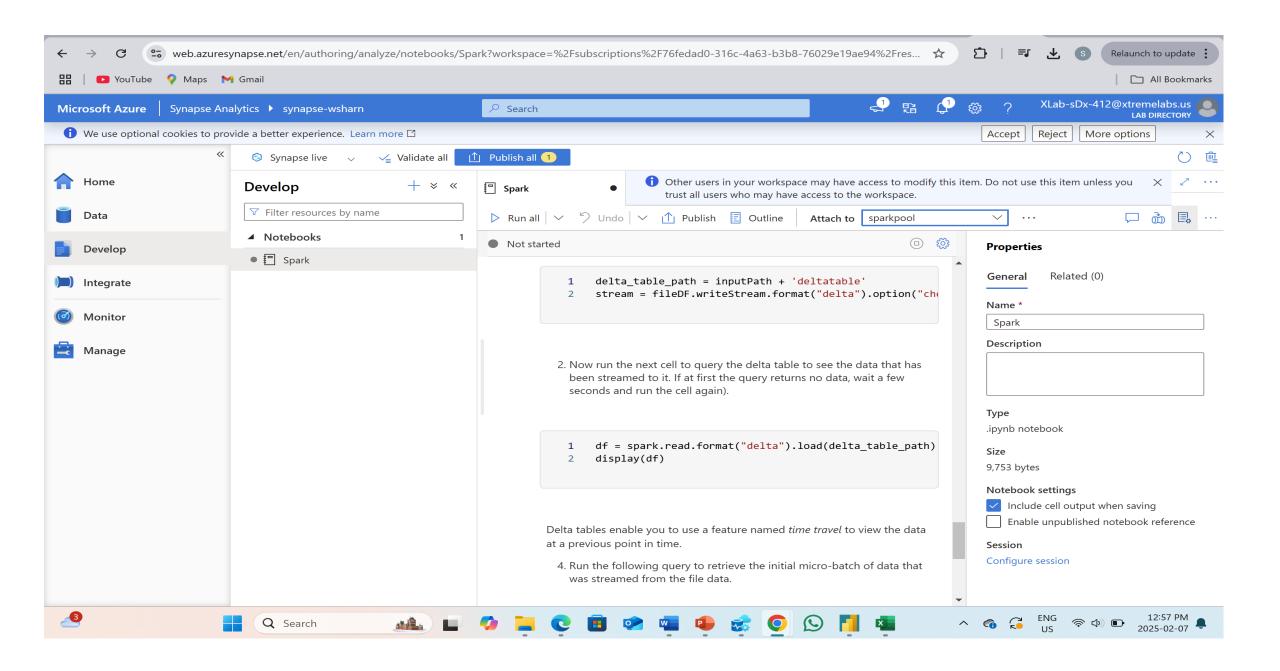
#### **CREATION OF SYNAPSE WORKSPACE:**

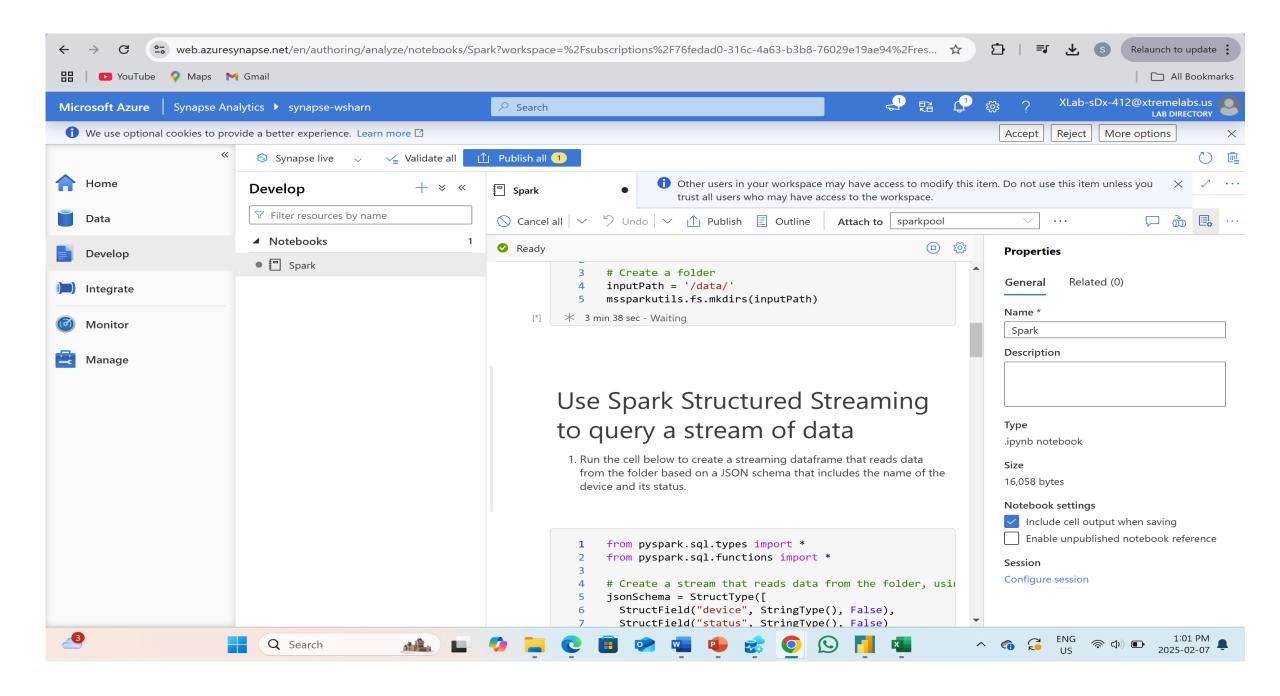


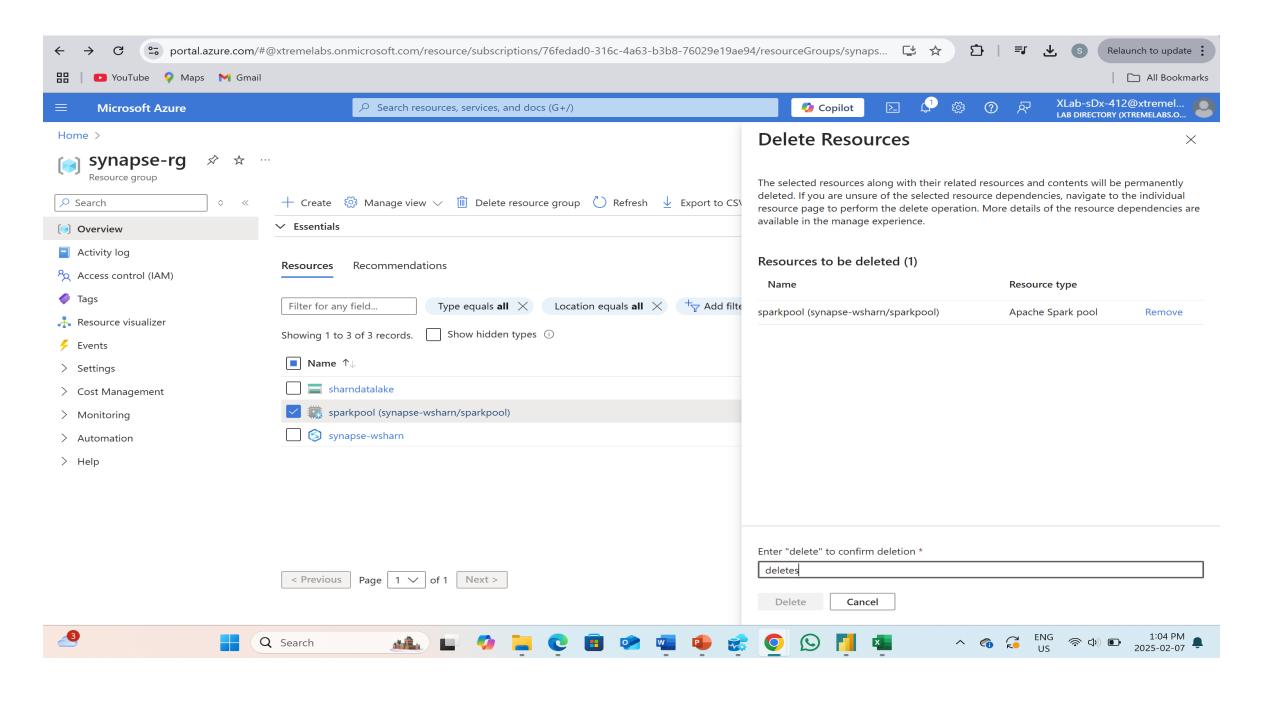


#### **CREATING DATAPOOL:**









## THANK YOU!!!!!!!