7th pipeline Cosmos Database → azure data factory → azure blob storage

# Pipeline Architecture:

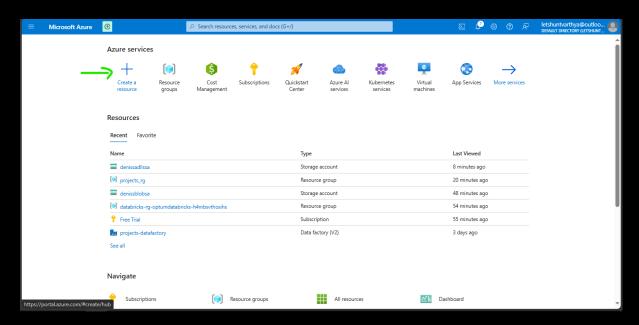
### Services Required:

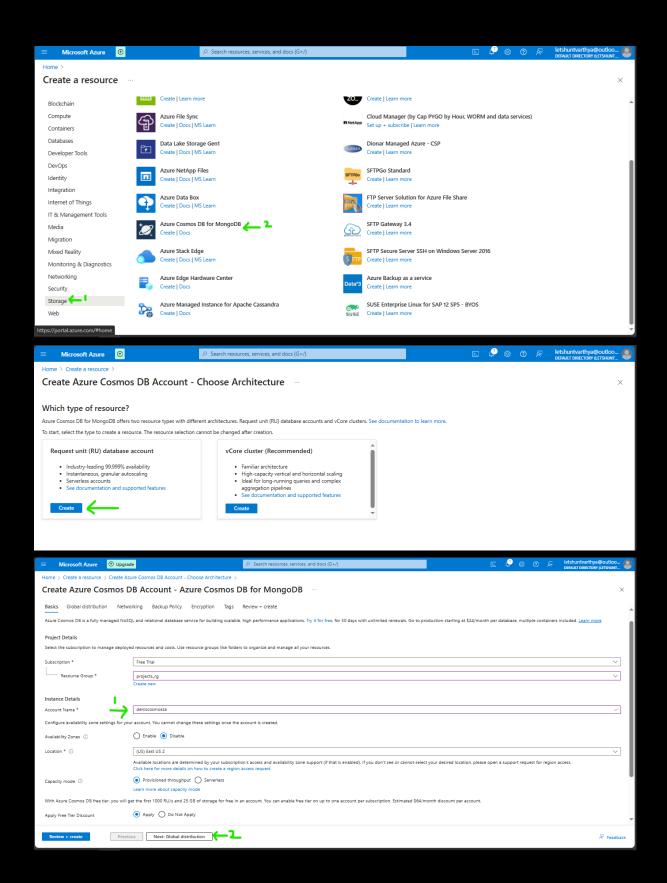
- 1. On prem mysql
- 2. Azure data factory
- 3. Azure blob storage

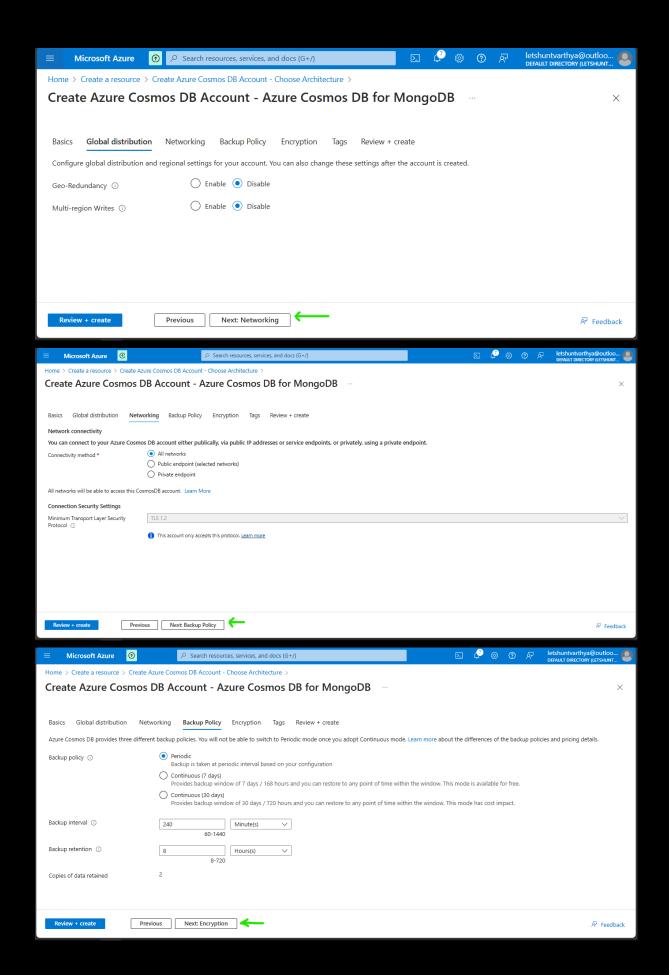
#### **Azure Blob Storage Creation:**

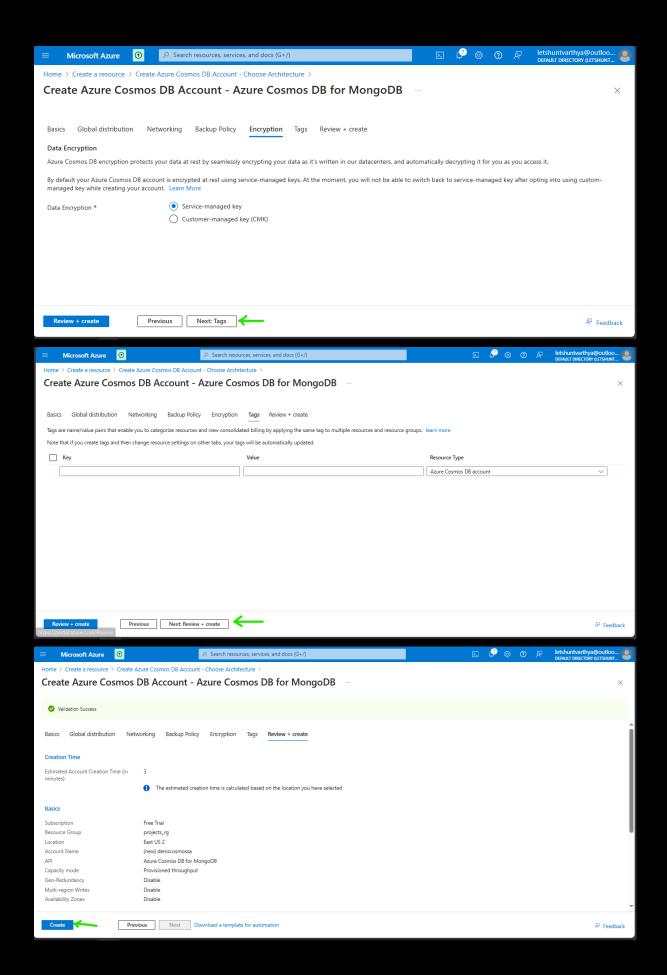
- Creation of an azure blob storage is shown in the document below.
- https://docs.google.com/document/d/1vZCMfM9ieAlTQm6Jdwl2JzxcMkw nvvkSJHCrrv2kVlo/edit?usp=sharing
- Create a container called denisdata.

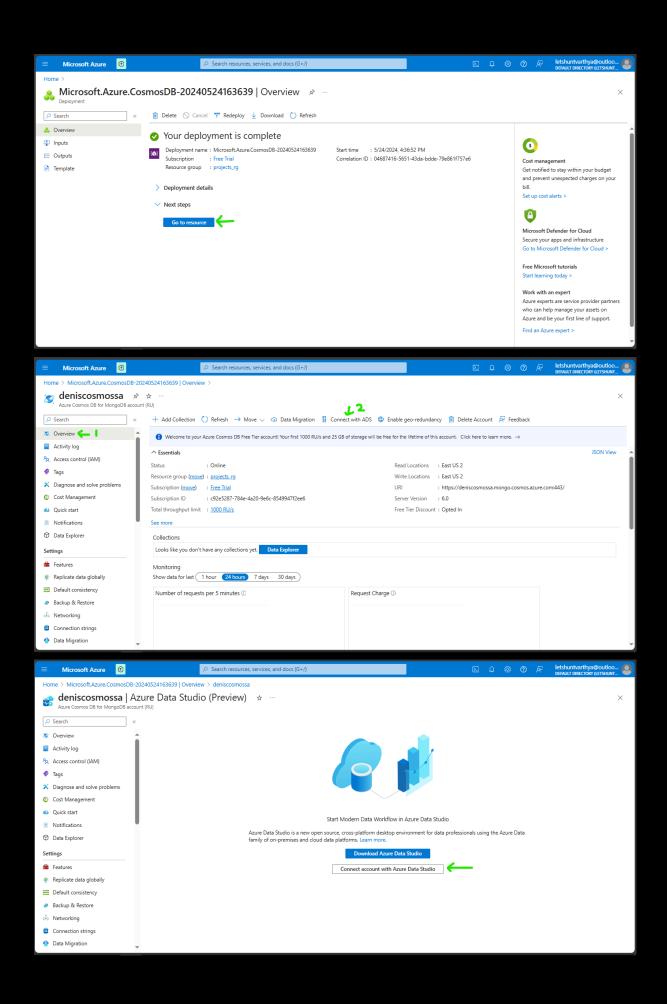
## <u>Azure Cosmos DB for Mongo DB creation:</u>

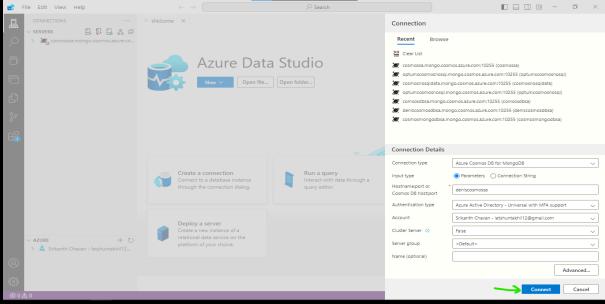




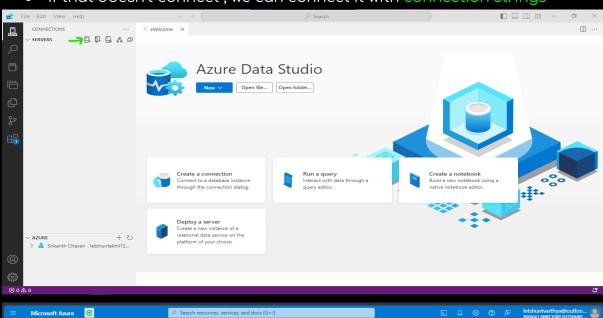


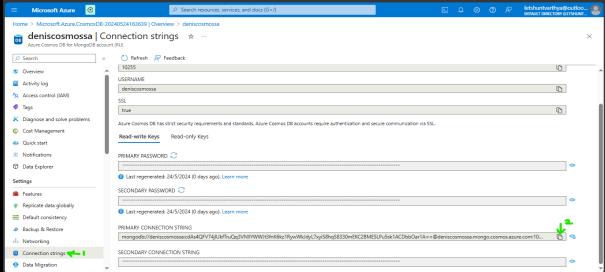


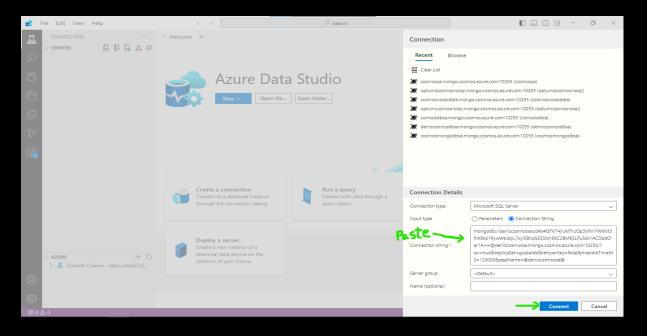


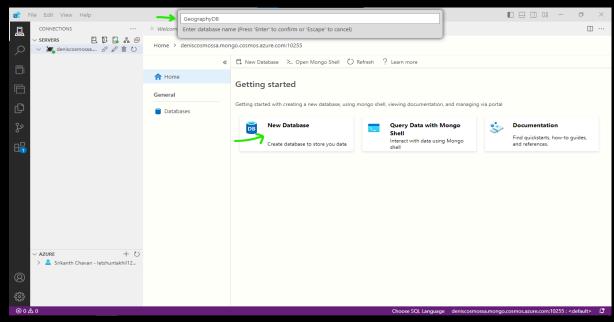


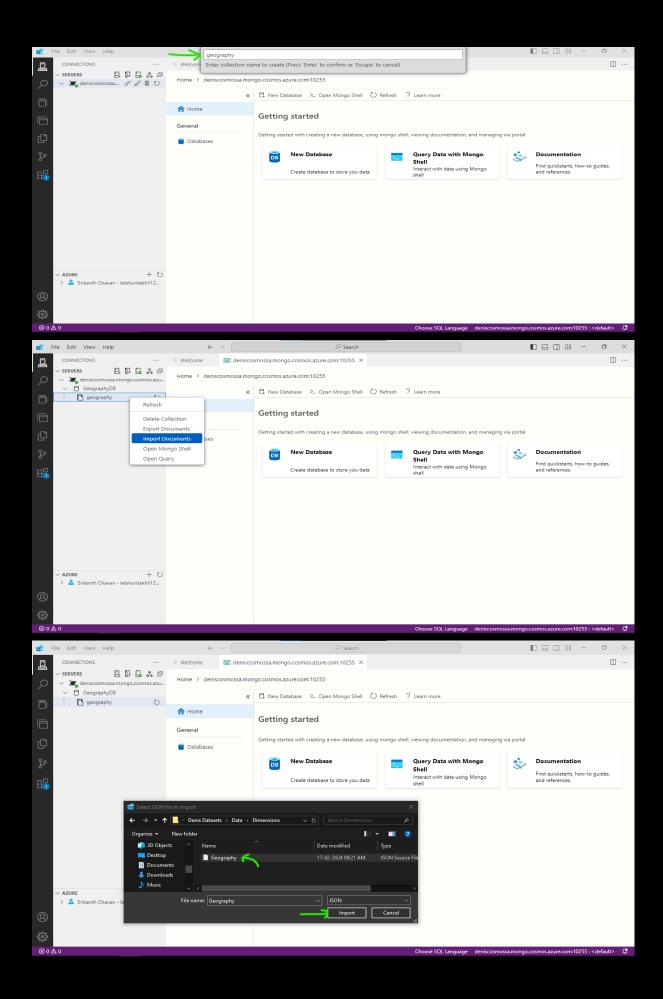
• If that doesn't connect, we can connect it with connection strings

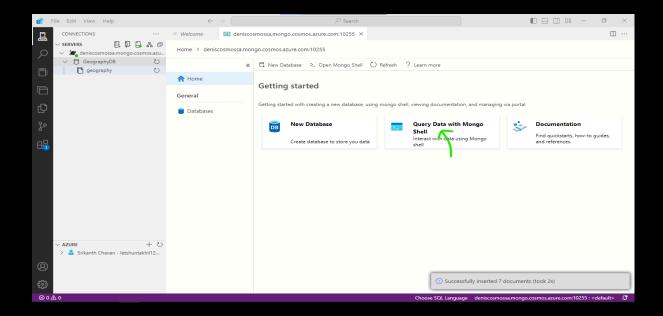






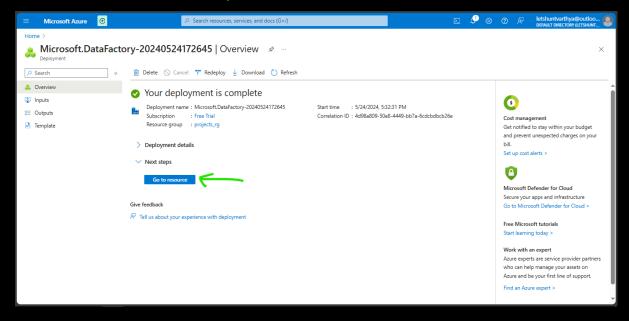


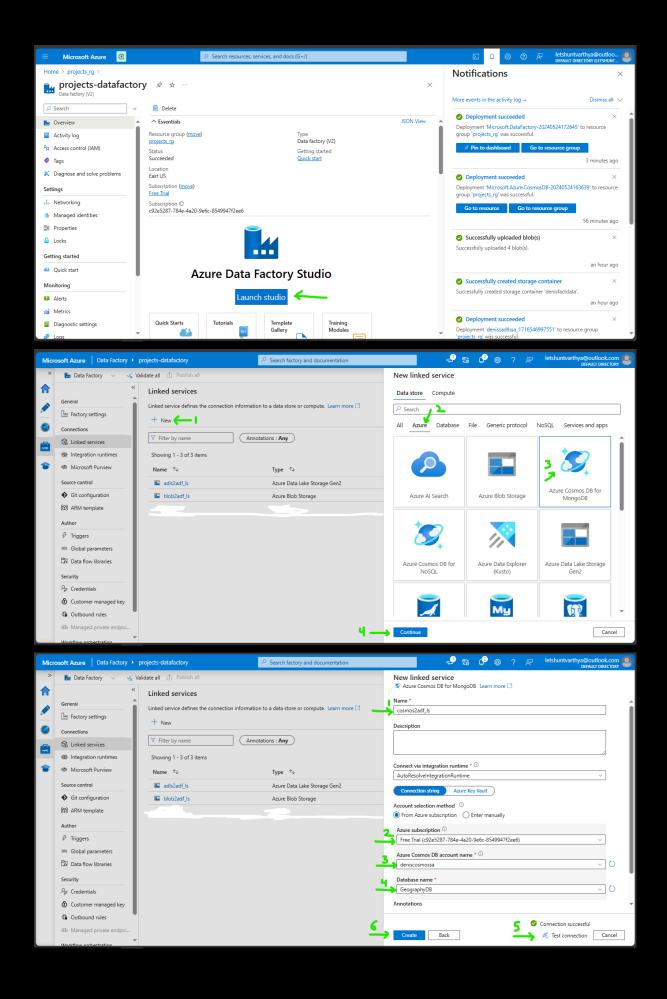


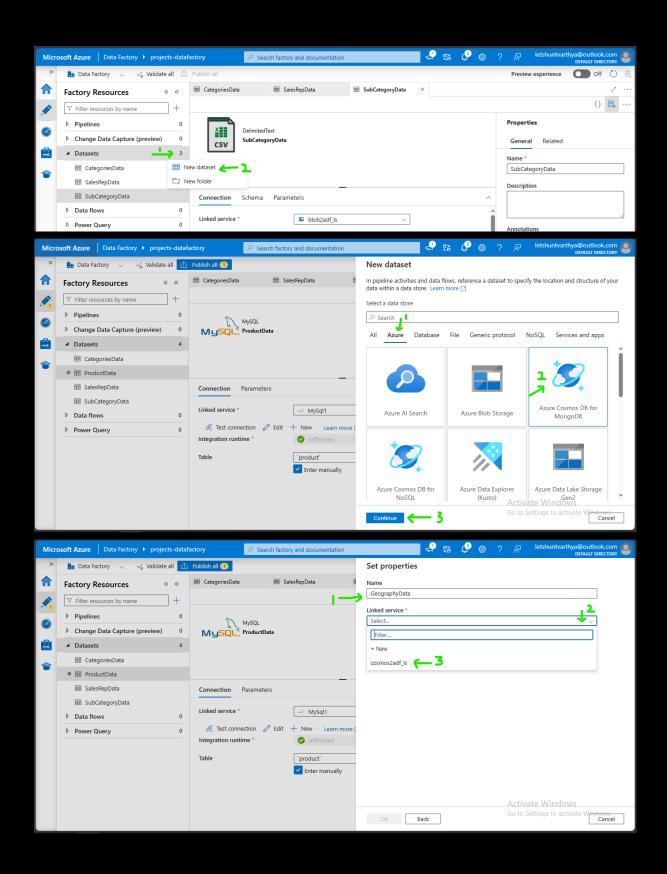


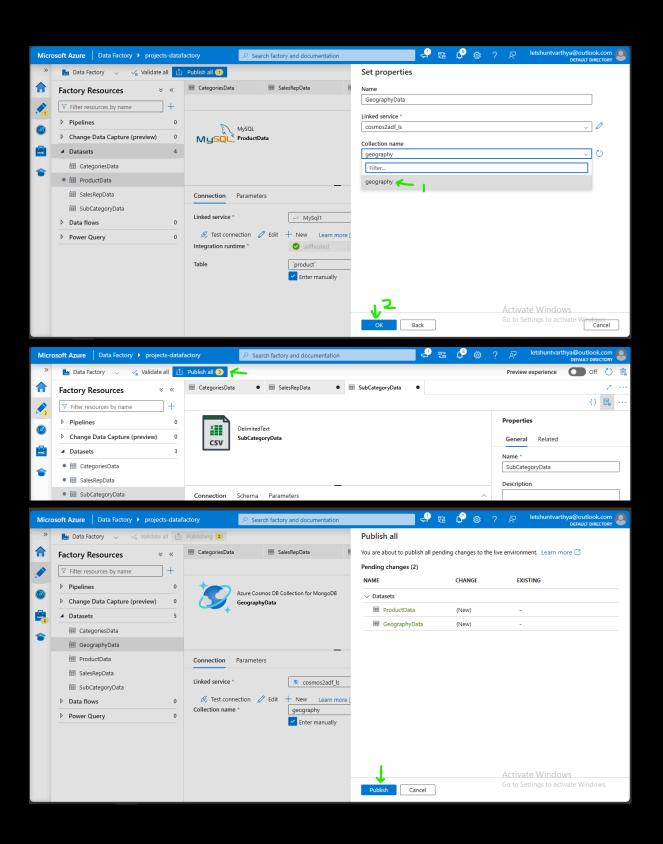
### **Azure Data Factory Creation:**

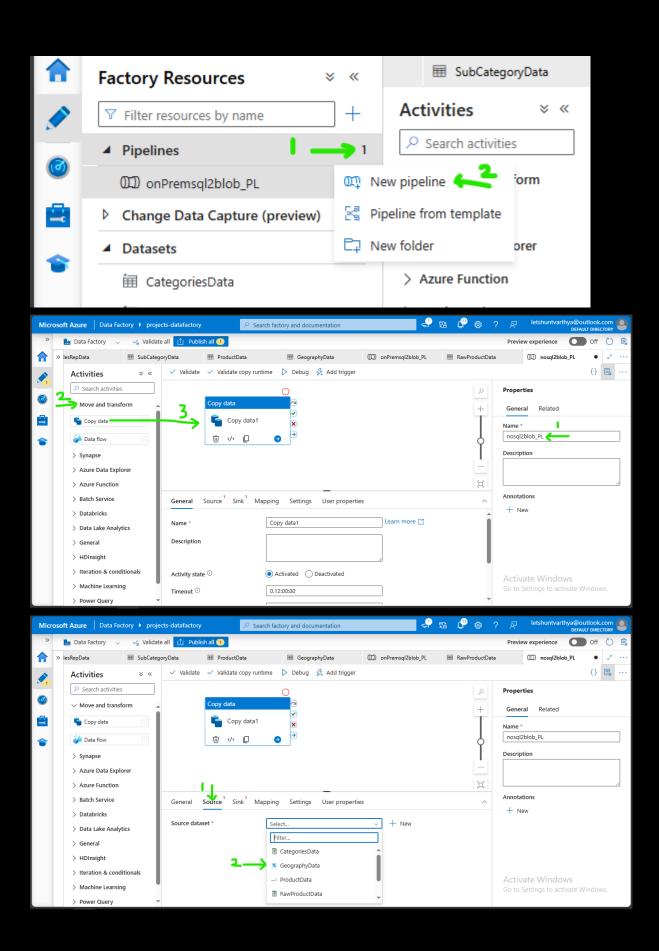
- Creation of the data factory is shown in the document below.
- Parameters used while creating azure data factory.
- Datafactory name : projects-datafactory
- https://docs.google.com/document/d/1lpvA7XumJjbIP0wPWWUlfd\_gdvh6 jTn\_0a12HWv0jcM/edit?usp=sharing
- Click on Go to resource.
- Click on launch workspace.

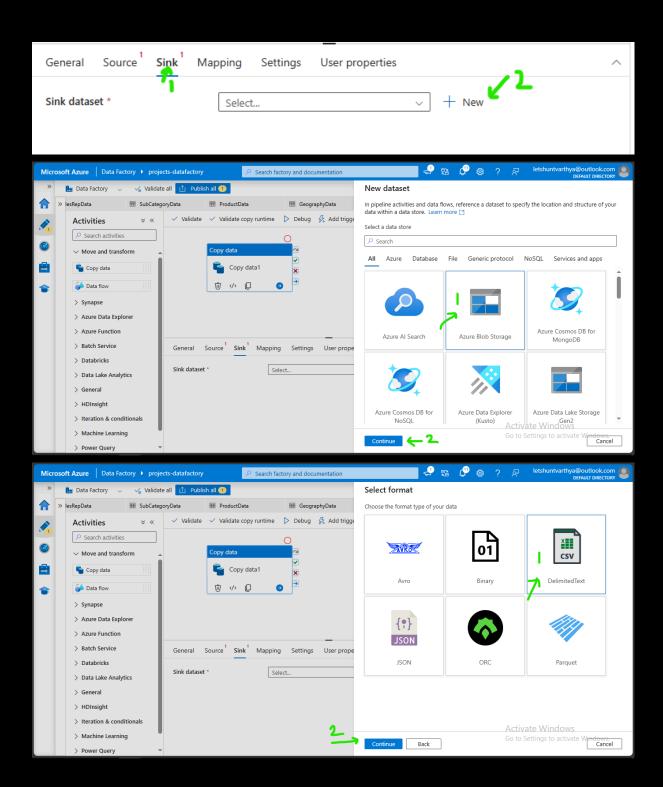


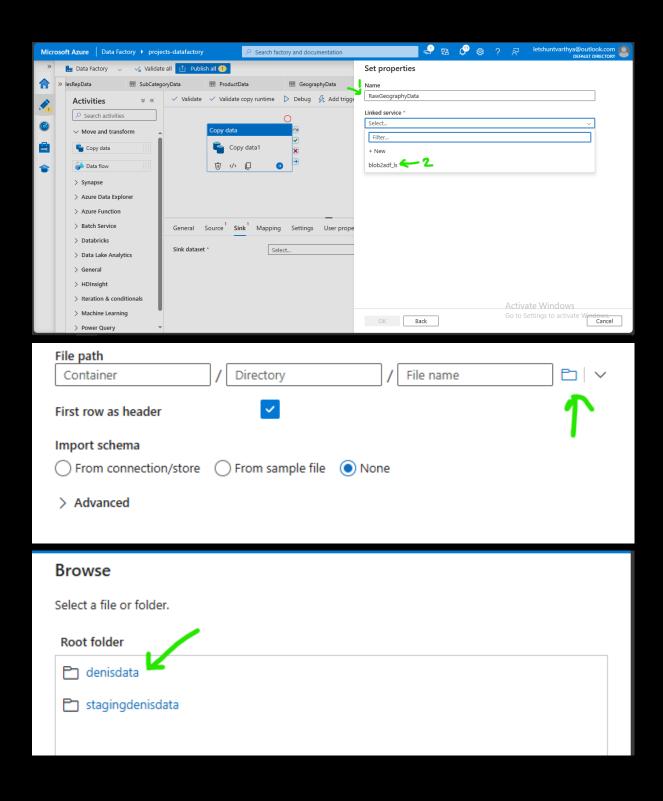


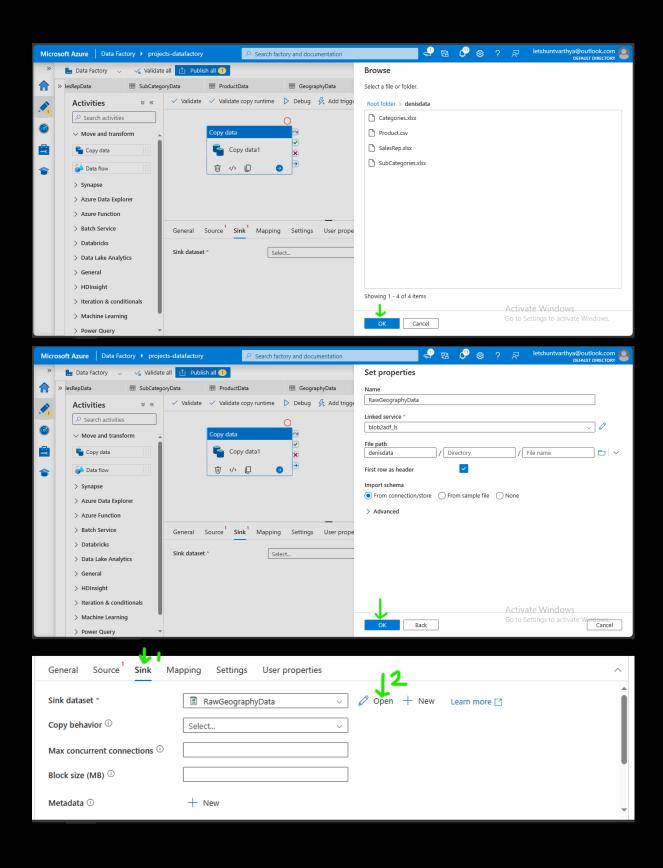


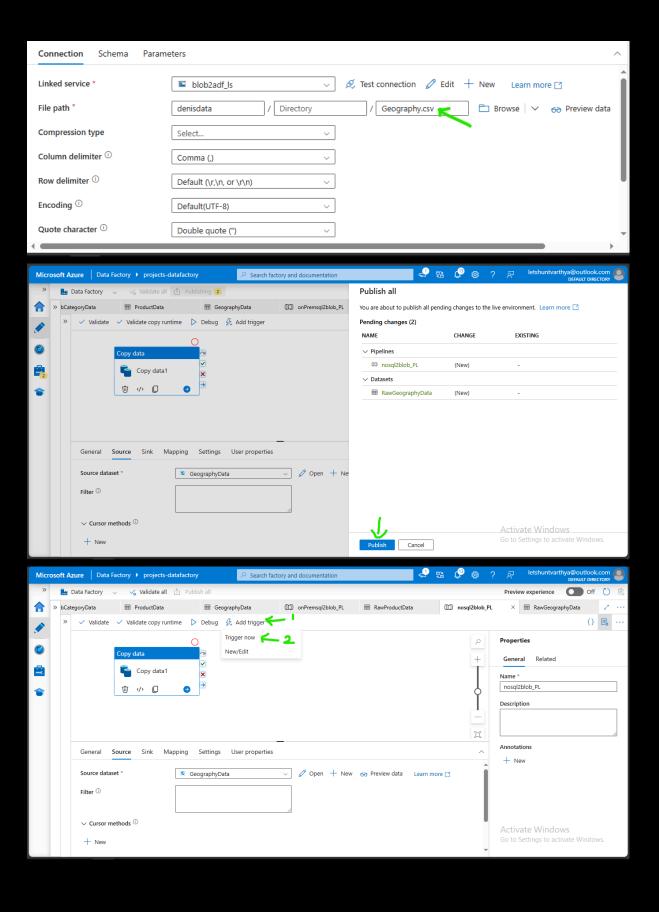


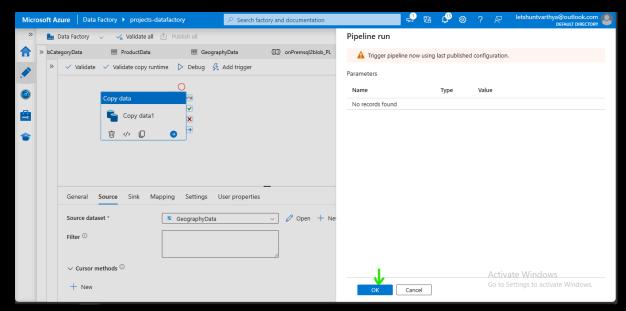












After successful execution of the pipeline we can see that data is loaded in blob storage.