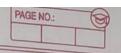
# **Azure Databricks Assignment 4**

Pratik Wani

#### Notes

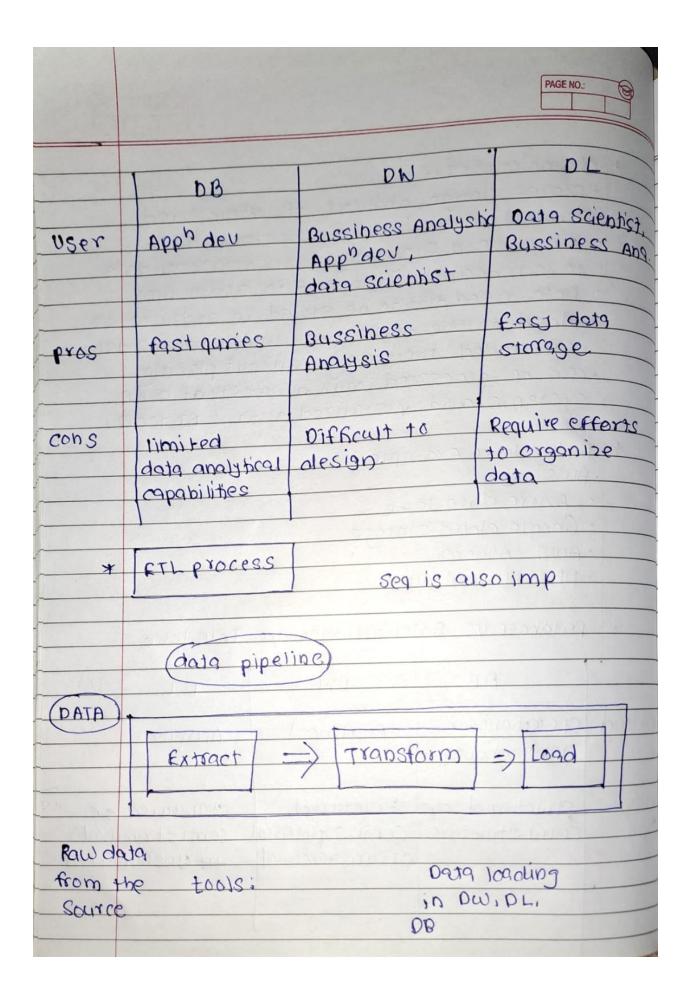
	+ Day a Azure databricks + PAGE NO:
*	what is database?
	· collection of information
	i i a const OITP
	· used to support our databases.  · DBms store data in databases.
printere	VOIIIS DAVI
*	characteristics:
	1) Security Peatures
	2) ACTD
	3) APT'S Support
	is a serie courch
	S) ompimization for mobile devices
*	why use?
	· medical record
1112	· Onile Stores
2 6 65	· Financial record
	· blog
	· Student grade
	· TOT devices
*	dB example
	· ROB -> mysal, ms server
	· pocument > hongo DB
	· Key-value db -> Reals · wide-column :-> HBGSC.
	· Graph olb > Nea4j
	91991 90 2 1009



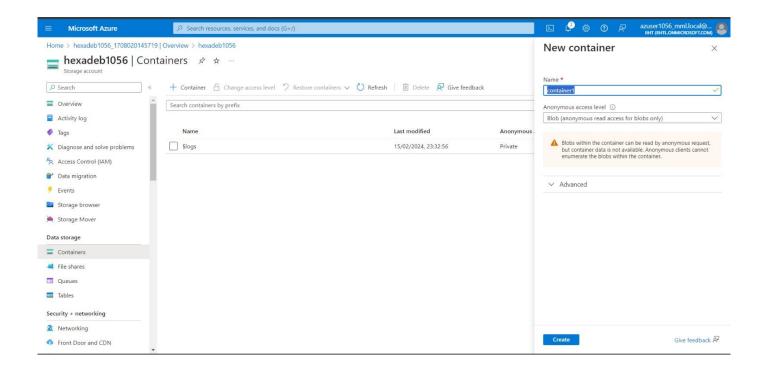
olap + data charebouse and data lake

- · Both warehouse and lake are mount to SUPPORT OLAP
- · collect data from various sources
- use for analytical purpose
- pata warehouse?
  - · Store highly structured information from various sources
  - · stores current and historical data
  - · giant db + bat ophimized for analytics
- \* characteristics:
  - stores large amount of historical data
  - · ETL process moves data from original source to data werehouse
  - · predefined and fixed relational schema
  - · work well in Structured data.
- \* data warehouse uses:
  - i when we have to store large amount of data.
  - · use for indepth analysis
  - · use for bussiness analysist and data scientist
  - · power daily operations

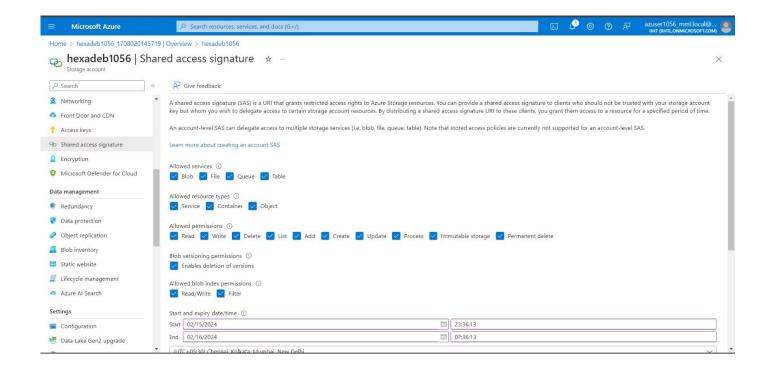
			PAGE NO.:		
	characteristics:  Stores large amount of structured,  Semi-structured and unstructured data.  can contain everything from relational data  to ison documents to ppf to audio files.  Pata need but to be stored in order to be  added to the data lake, which means data  can added increaling without planning.  can be processed with a variety of othe  Systems and visualized with BI tools.				
*	Pata lake example:-  . ALUS S3  . AZUTE data lake  . Google cloud storage  . ALUS Athena.  . DB SQL ANIJLYHICS.				
*	patabase us Ba	dswarehouse vs	Data lake		
Norkland		Anallhical	Analytical		
Data	structured or semi structured	Structured, Semi-structured or unstructured	structured or semistructured up unstructured		



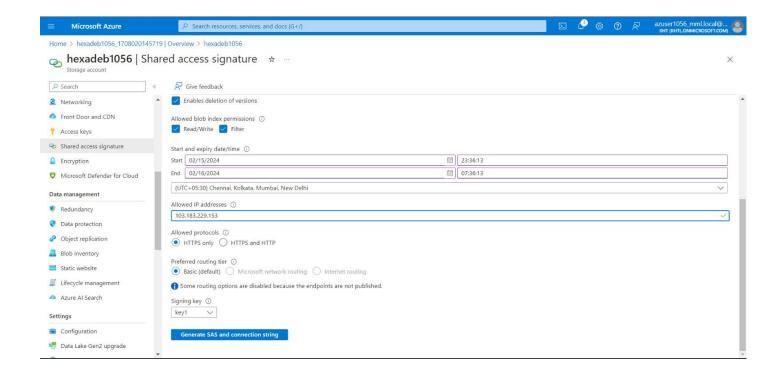
Storage Account and Container



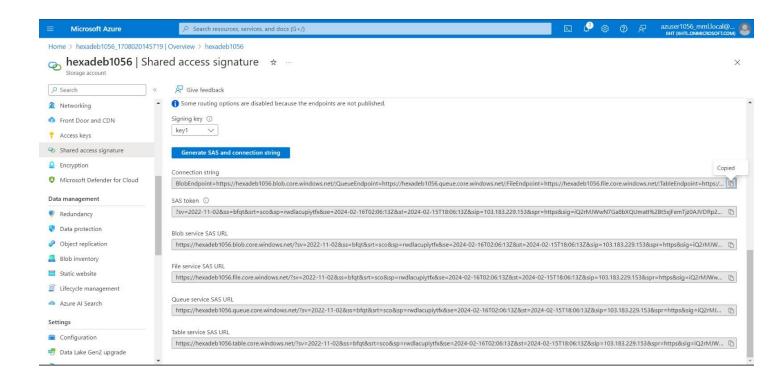
• Shared Access Signature



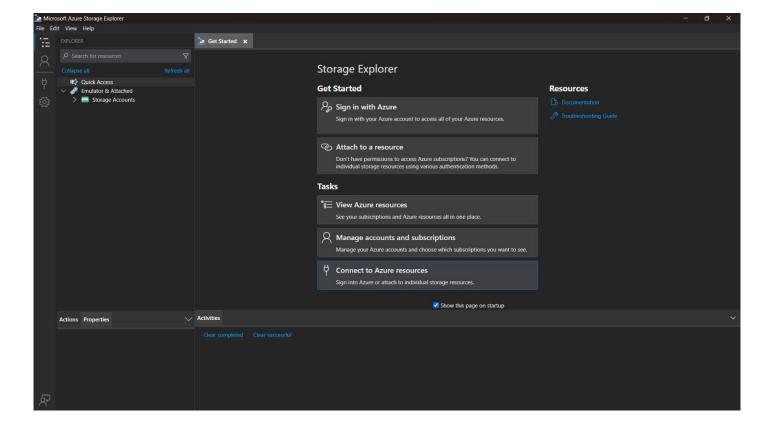
IP Address to Generate SAS and Connection String



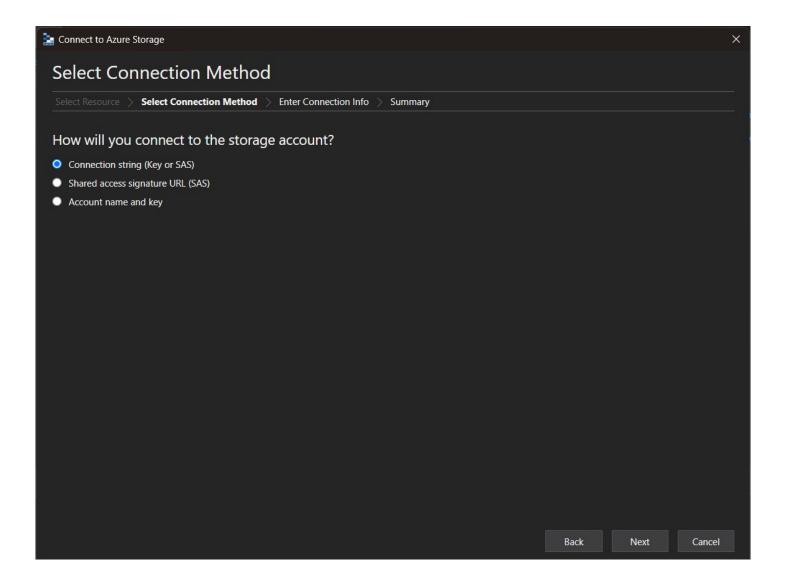
SAS and Connection string



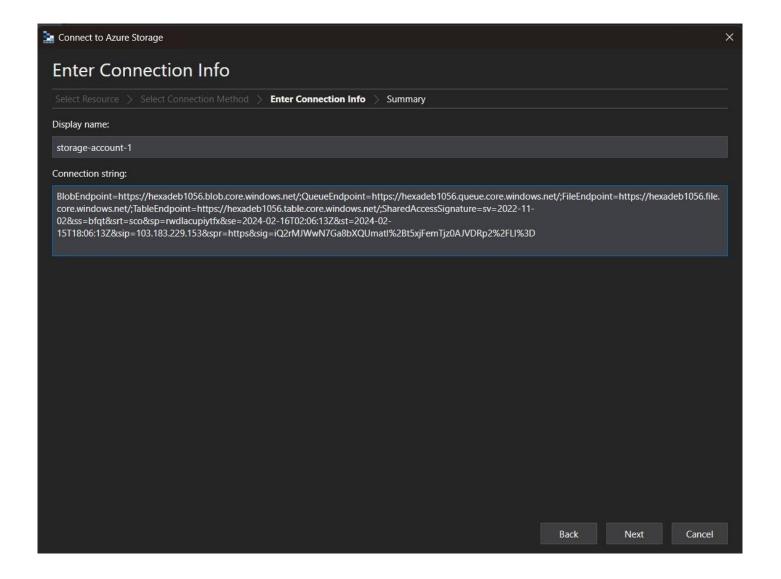
## Storage Explorer



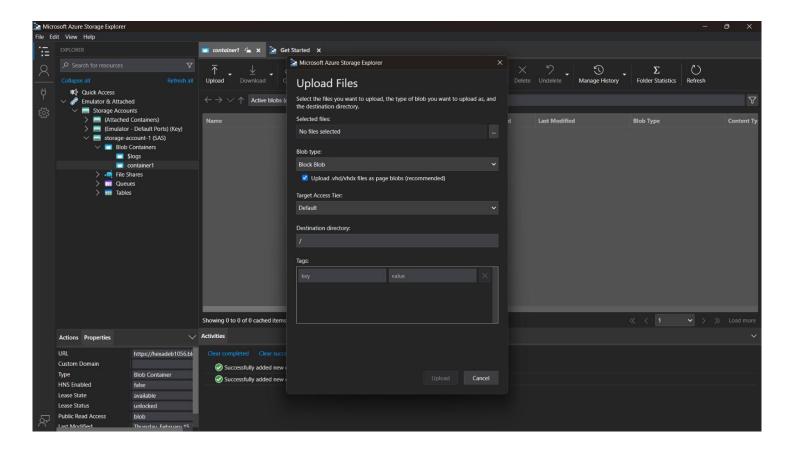
#### • Connect to Azure



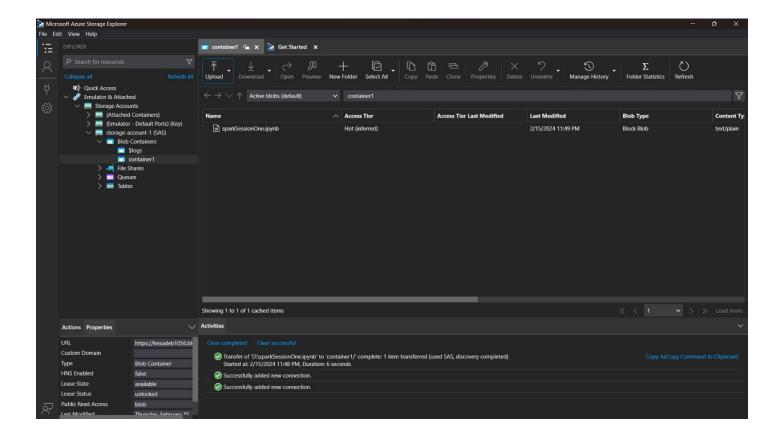
#### • Connection Information



#### • Blob Containers



### • File Upload



#### • Also Visible in Azure

