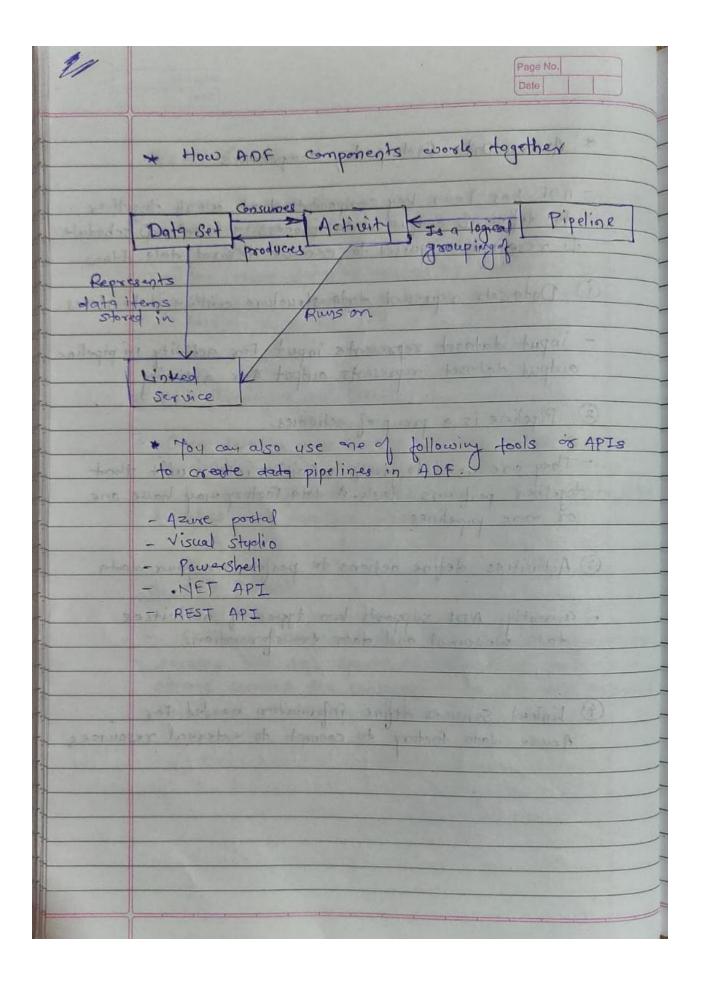
Data Engineering Batch 1

Name: Pradip Bochare

♣ Notes

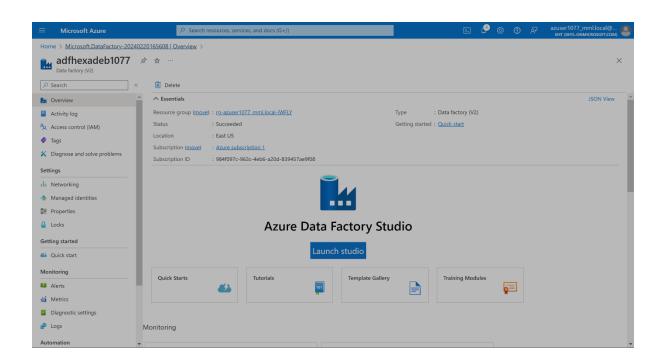
	Page No.
*	Azure Data Factory
	- Azure data factory is a cloud based data integration service that allows you to create data-driven workflows in cloud for oxchestrating and automating data movement and data transfermenties. - ADF does not a store any data itself. It allows to create data-driven workflows
2	- It also allows you to monitor and manage workflows using both programmatic and VI mechanisms.
	- Supporting data mignations - Gretting data from client's server or online data to an Azure Data Lake - Carrying out various data integration processes - Integrating data from different ERP systems and loading it into Azure synapse for reporting * How closs ADF work - ADF sorvice allows you to create data pipelines that woose, transform data and then pipelines on specified schedule.
	- ADF pipelines typically perform three steps.

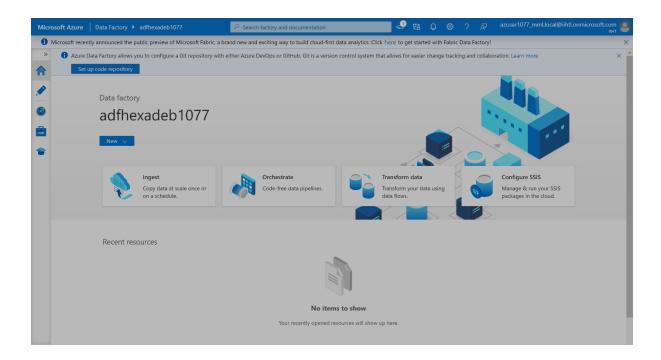
					Page No.	
*	Azure D	nta Factor	y key	componer	nts.	*
		tour key & output es require				together s U sched lata Flore
0	Dataset	s represen	t darla	Structure	e certhin	data sto
- 0	input da	taset repr	resents	input +	er active	ity in pip
4	they are posether por more	is a ground used to a enforms pripelines.	roup losk. A	activities data fact	into a u	
		define a				
-	data we	ADF supported on	ol data	trous for	of action.	vities
4	Linked Azure o	Services di	efine i	nformation connect to	needed externo	ter ul resour



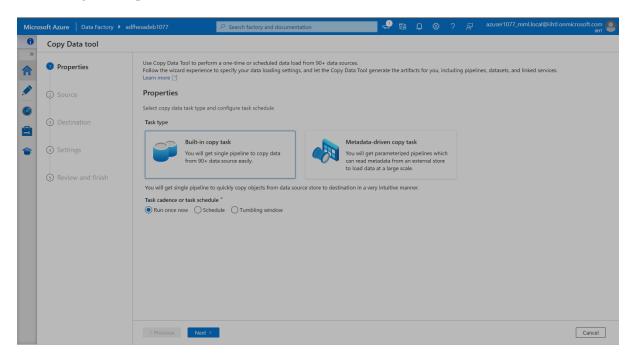
4 Azure Data Factory

• Making Azure Data Factory

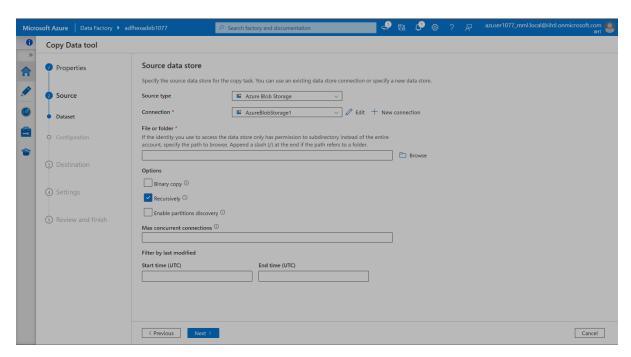


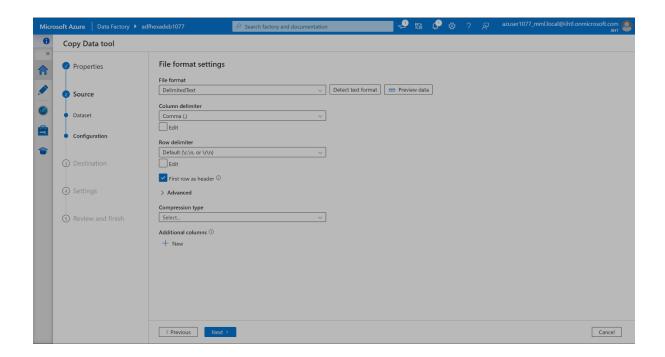


Making Data Pipeline

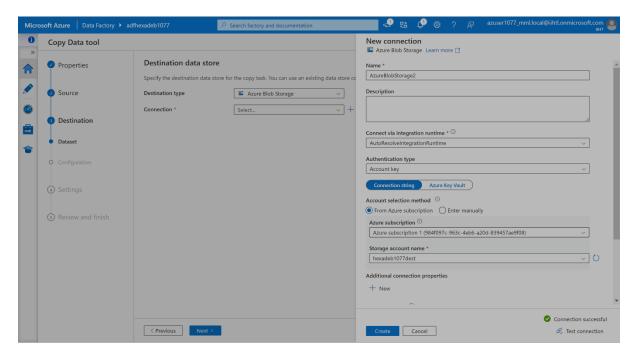


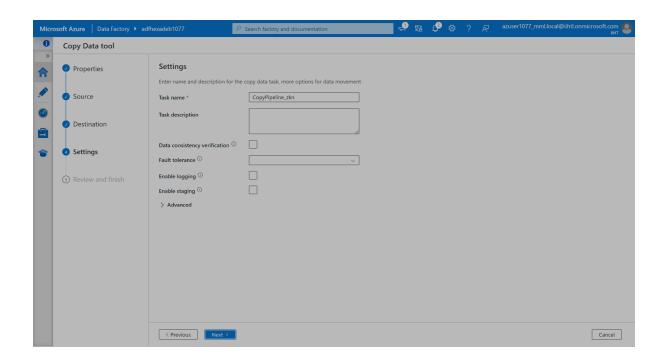
• Source Data



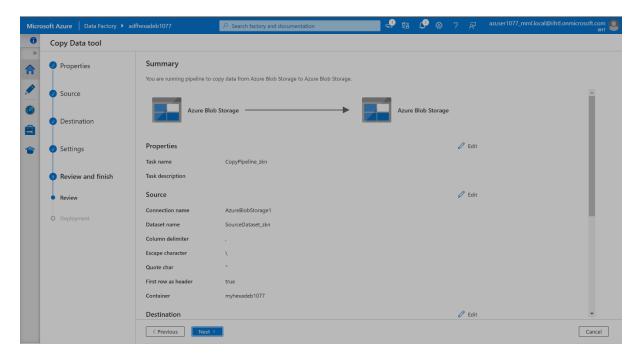


Connecting with Source Container

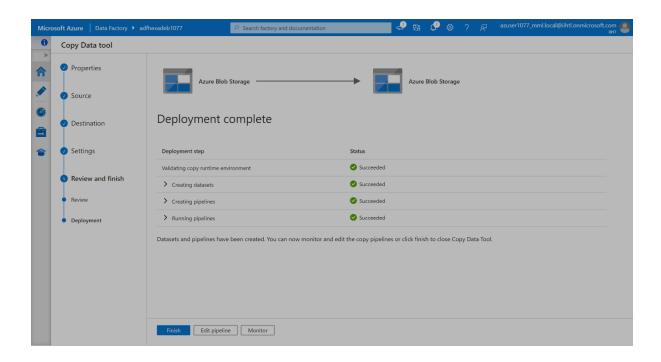


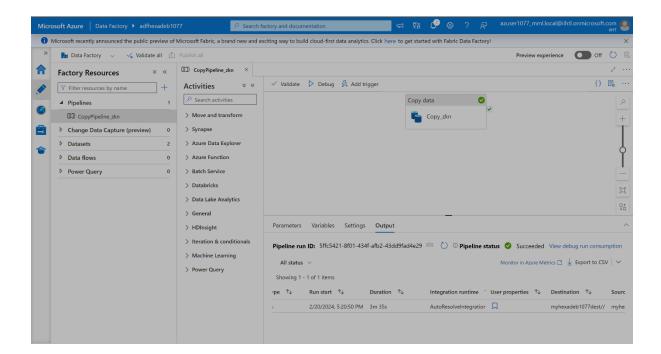


Summary

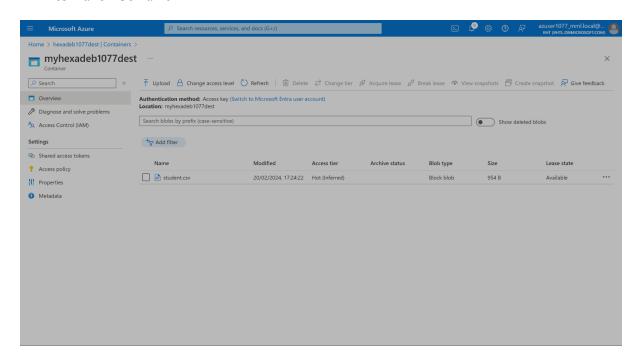


Deployment





• Destination Container



• Source Container

