DATA REFRESH AND SCHEDULING
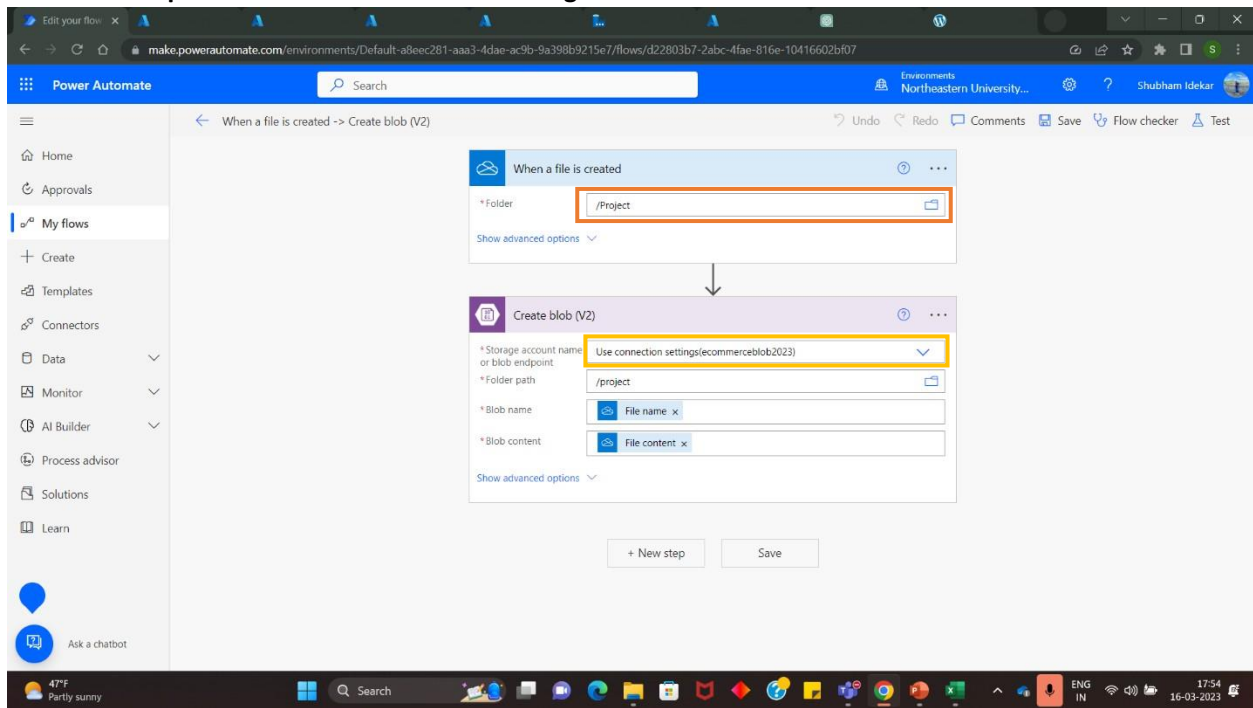**TOPIC: BRAZIL E-COMMERCE DATA ANALYSIS**
TEAM: 3
Abbas Furniturewala - NUID 002193272
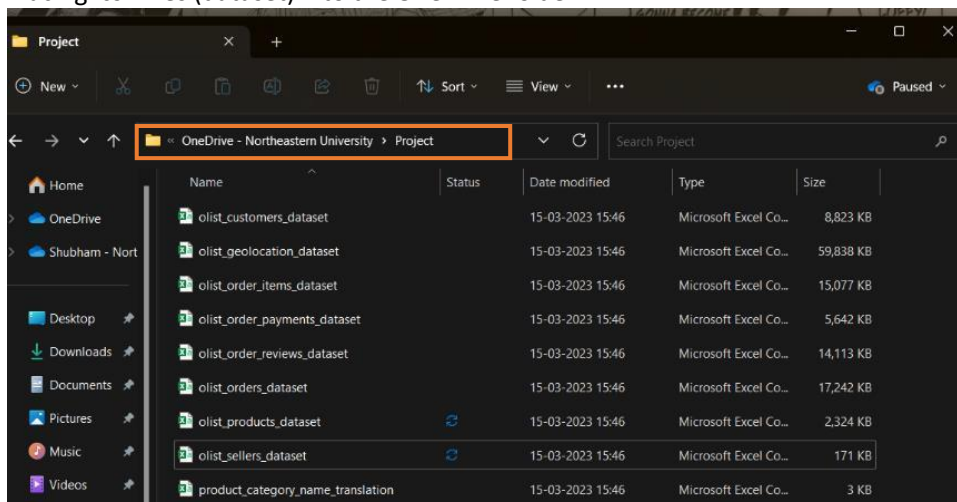Shubham Idekar - NUID 002776415
Shrutika Salian - NUID 002142365
Harshit Parikh - NUID 001044838

Using Power Automates Automated Cloud Flow to fetch files from OneDrive folder whenever a new file is created and upload the files to Azure Blob Storage:

Placing .csv files (dataset) into the OneDrive folder:

Successful execution of Power Automate flow:

All files placed into Azure Blob Storage automatically once created in OneDrive Folder:

Trigger to run the ADF pipeline:

Automating the python code run:

Batch script to run python code automatically:

```
@echo off
set PYTHON_EXE="C:\Python39\python.exe"
set PYTHON_SCRIPT="C:\Users\Harshit\Desktop\USA\NEU\4. Spring 2023\ADBMS\Project\azure-cosmos-db-graph-python\cosmos_project.py"
%PYTHON_EXE% %PYTHON_SCRIPT%
pause
```

"@echo off": *To stop the console from showing each command as it is executed.*
"set PYTHON EXE": *sets the path to the Python executable in the PYTHON EXE variable.*
"set PYTHON SCRIPT": *sets the path of the Python script in the PYTHON SCRIPT variable.*
"%PYTHON EXE%%PYTHON SCRIPT%": *invokes the Python executable with the path to the script as an argument to run the Python script.*
"pause": *adds a pause to the script's end to stop the console window from shutting right away when the Python code has finished running.*

Setting up the Task Scheduler:
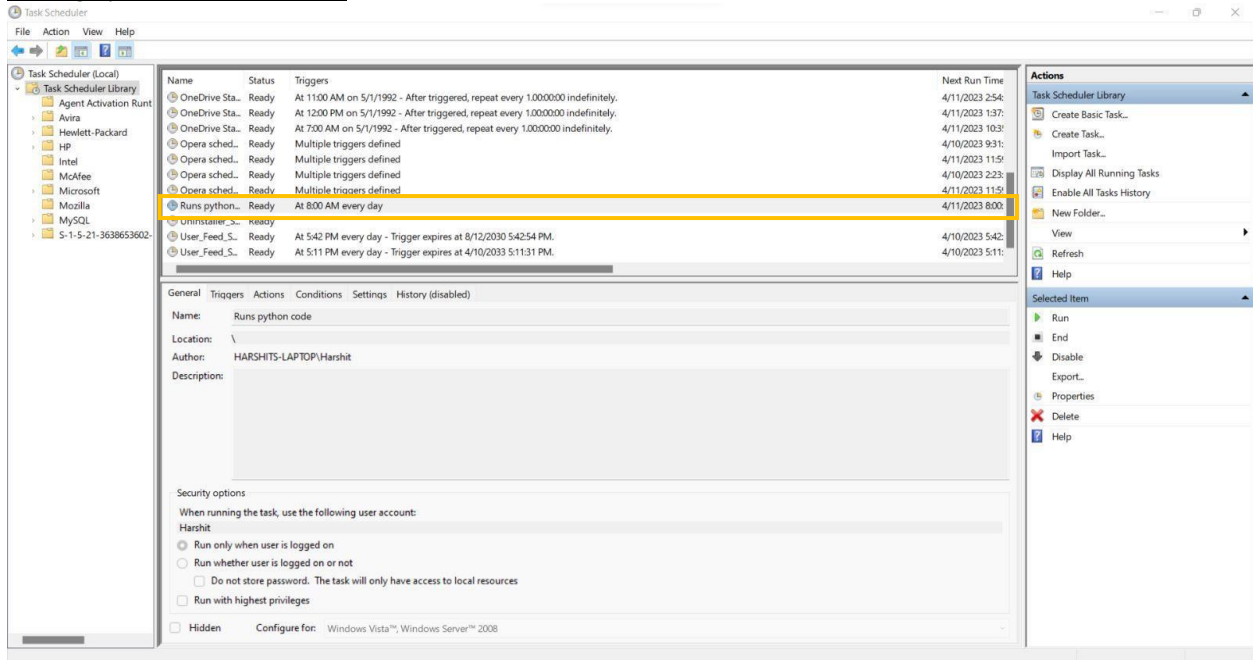
1: Runs python code Properties (Local Computer)   X

General   Triggers   Actions   Conditions   Settings   History (disabled)

When you create a task, you can specify the conditions that will trigger the task.

Trigger	Details	Status
Daily	At 8:00 AM fNery day	Enabled

"' Runs python code Prapertie (Local Computer)   X

General   Triqqers   Actions   Conditions   Settings   History {disabled)

When you create a tc1sk,.you must specify the <lion that will ocwr when your b15k starts.

Action	Details
Start a program	"C:\Users\Harshit\Desl<top\USA\NEU\4.Spririg 2023\ADBMS\Project\azure-cc

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	Name	Date modified	Type	Size
Desktop *	.git	3/25/2023 1:SJ PM	File folder	
Downloads *	.github	5/25/2023 1:53 PM	File folder	
Documems *				
Pictures *	.gitignore	3/25/2023 1:53 PM	GITIGNORE File	5 KB
All documents *	automate_py_code	4/10/2023 133 PM	Windows Batch file	I KB
InteJView *	automa1e_py_code	4/10/2023 1 43 PM	Text Document	1KB
Behavioral questlon:i. *				
Data Engineer *	CHANGELOG.md	3/25/2023 1:53 PM	**MD** File	I KB
.JOB *	CombineCSVS	4/9/2023 1111 AM	Mic:JOsoft Excel Co_	58.149 KB
4. Spring 2023 *	connect	WS/2023 201 PM	P'{thonf1le	10KB
Assignments	CONTRIBUTING.md	1/25/2023 1:53 PM	MDfite	HB
azure-cosmos.-db-graph-python	cosmos_project	4/9/2023 11:13 AM	Fythor. File	11 KB
Data Analyst	gremlin_project	4/9/2023 9:37 AM	Microsoft Exce; Co_	58,149 KB
Project	gremlm_projectl	4/3/202> 12:31AM	Microsoft Exu:'\ Co...	47.458 KB
OneDrive - Northeas1ern University	LICENSlmd	>125/2023 153 PM	**MO** File	2 KB
Attachments	README.md	1/25/1023 1 53 PM	MD File	4 KB
dam97370_2022_01__5pring	requir ments	1/25/2023 1:53 PM	Text Doc1,men1	1KB
Micro tt Team; Chat me-:::	test1	4/10/2023 1 31 PM	Python File	1KB
This PC				
Desktop				
Documents				
Downloads				

In this way, we have successfully scheduled our pipelines and python code.