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DATA ENGINEERING BATCH 1

DAY 18 ASSIGNMENT

Creating Cluster and visualizations:-

- Create cluster in azure databricks .
- Create a new notebook and run query in it .
- In the output of the query a table is received.

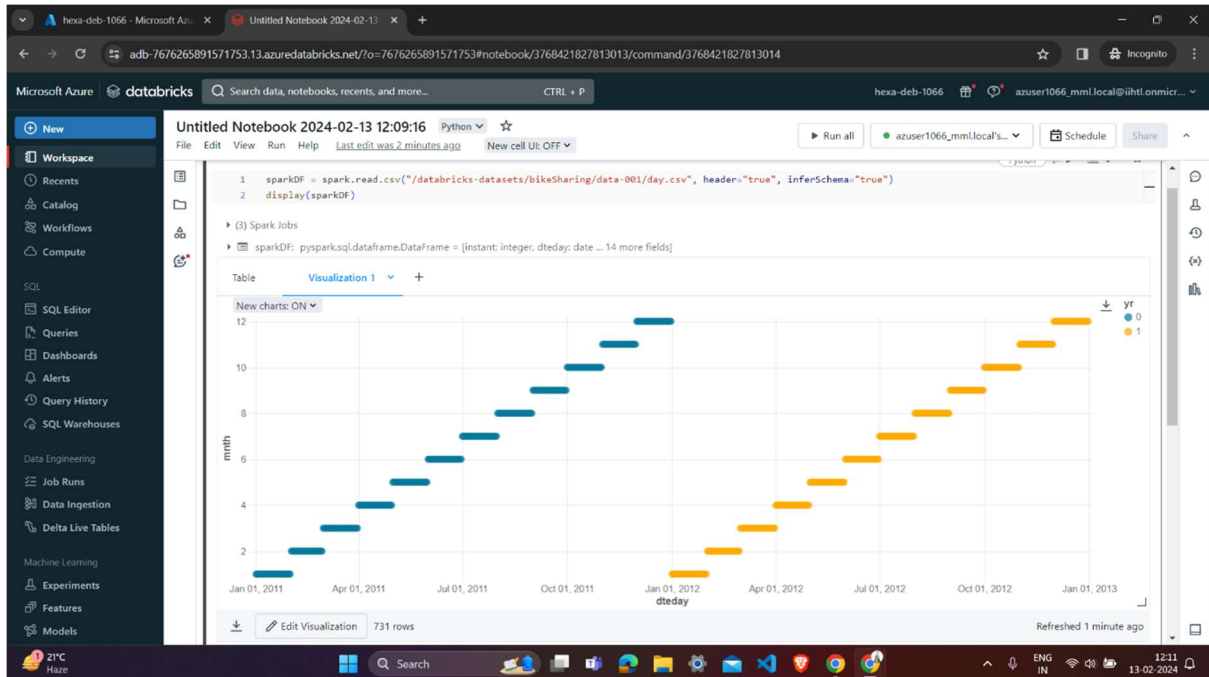
The screenshot displays the Azure Databricks workspace. A notebook titled 'Untitled Notebook 2024-02-13 12:09:16' is open. The code in the notebook reads a CSV file from the Databricks datasets and displays the resulting DataFrame. The output is a table with 7 rows and 14 columns.

	Instant	dteday	season	yr	mnth	holiday	weekday	workingday	weathersit	temp	atemp	hum
1	1	2011-01-01	1	0	1	0	6	0	2	0.344167	0.363625	0.8
2	2	2011-01-02	1	0	1	0	0	0	2	0.363478	0.353739	0.6
3	3	2011-01-03	1	0	1	0	1	1	1	0.196364	0.189405	0.4
4	4	2011-01-04	1	0	1	0	2	1	1	0.2	0.212122	0.5
5	5	2011-01-05	1	0	1	0	3	1	1	0.226957	0.22927	0.4
6	6	2011-01-06	1	0	1	0	4	1	1	0.204348	0.233209	0.5
7	7	2011-01-07	1	0	1	0	5	1	2	0.196522	0.208839	0.4

731 rows | 16.45 seconds runtime

Command took 16.45 seconds -- by azuser1066_mml.local@iitl.onmicrosoft.com at 2/12/2024, 12:09:39 PM on azuser1066_mml.local's Cluster

- Click on the + icon on the output table for the visualizations .



- Set the visualization type and x column y column and another requirement for the visualization after applying all these we get the graph.

