

ASSESSMENT

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DATR-30/12/2023

VISUALIZATIONS IN DATABRICKS NOTEBOOKS:

The screenshot shows a Databricks Notebook interface. The notebook is titled "Untitled Notebook 2023-12-30 17:11:24" and is running Python code. The code reads a CSV file from the Databricks datasets and displays the first few rows of the resulting DataFrame. The table visualization shows the following data:

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

The table has 12 columns: instant, dteday, season, yr, mnth, holiday, weekday, workingday, weathersit, temp, atemp, and hum. The data is for the first 7 days of January 2011. The notebook shows 731 rows and a runtime of 16.29 seconds. The command was executed at 12/30/2023, 5:13:33 PM on the azuser924_Cluster.

The screenshot shows the same Databricks Notebook interface as above, but with a 'Visualization' dropdown menu open over the table. The dropdown menu shows options: 'Data Profile', 'Table', and 'Table'. The 'Table' option is selected. The table data is the same as in the previous screenshot.

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