

Name: Krushnakumar Patle

Email: [krishnapatle128@gmail.com](mailto:krishnapatle128@gmail.com)

Batch: Data Engineering Batch-1

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo and a search bar. The main content area displays the 'hexa-deb-1072' Azure Databricks workspace overview. The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Virtual Network Peering, Encryption, Networking, Properties, Locks, Monitoring, Diagnostic settings, Automation, CLI / PS, Tasks (preview), and Export template. The main content area shows the workspace details, including its status (Active), resource group (rg-azuser1072\_mml.local-T96KB), location (North Europe), subscription (Azure subscription 1), and subscription ID (984f097c-963c-4eb6-a20d-839457ae9f08). A large red hexagon logo is prominently displayed in the center, with a 'Launch Workspace' button below it. Below the logo, there are several tiles for 'Documentation', 'Getting Started', 'Import Data from File', 'Import Data from Azure Storage', 'Notebook', 'Admin Guide', and 'Link Azure ML workspace'.

The screenshot shows the Databricks workspace interface. The top navigation bar includes the Databricks logo and a search bar. The main content area displays a notebook titled 'Untitled Notebook 2024-02-14 10:01:15'. The notebook contains a Spark SQL query that reads a CSV file from the Databricks datasets directory and displays the results. The query is as follows:

```
1 sparkDF = spark.read.csv("/databricks-datasets/bikeSharing/data-001/day.csv", header="true", inferSchema="true")
2 display(sparkDF)
```

The results of the query are displayed in a table with 11 columns: instant, day, season, yr, mnth, holiday, weekday, workingday, weathersit, temp, atemp, and hu. The table shows 7 rows of data, representing bike-sharing trips from January 1st to January 7th, 2011. The table is refreshed 2 minutes ago.

instant	day	season	yr	mnth	holiday	weekday	workingday	weathersit	temp	atemp	hu
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 notebook also shows the command execution details, including the runtime (18.24 seconds) and the command used to run the query.

