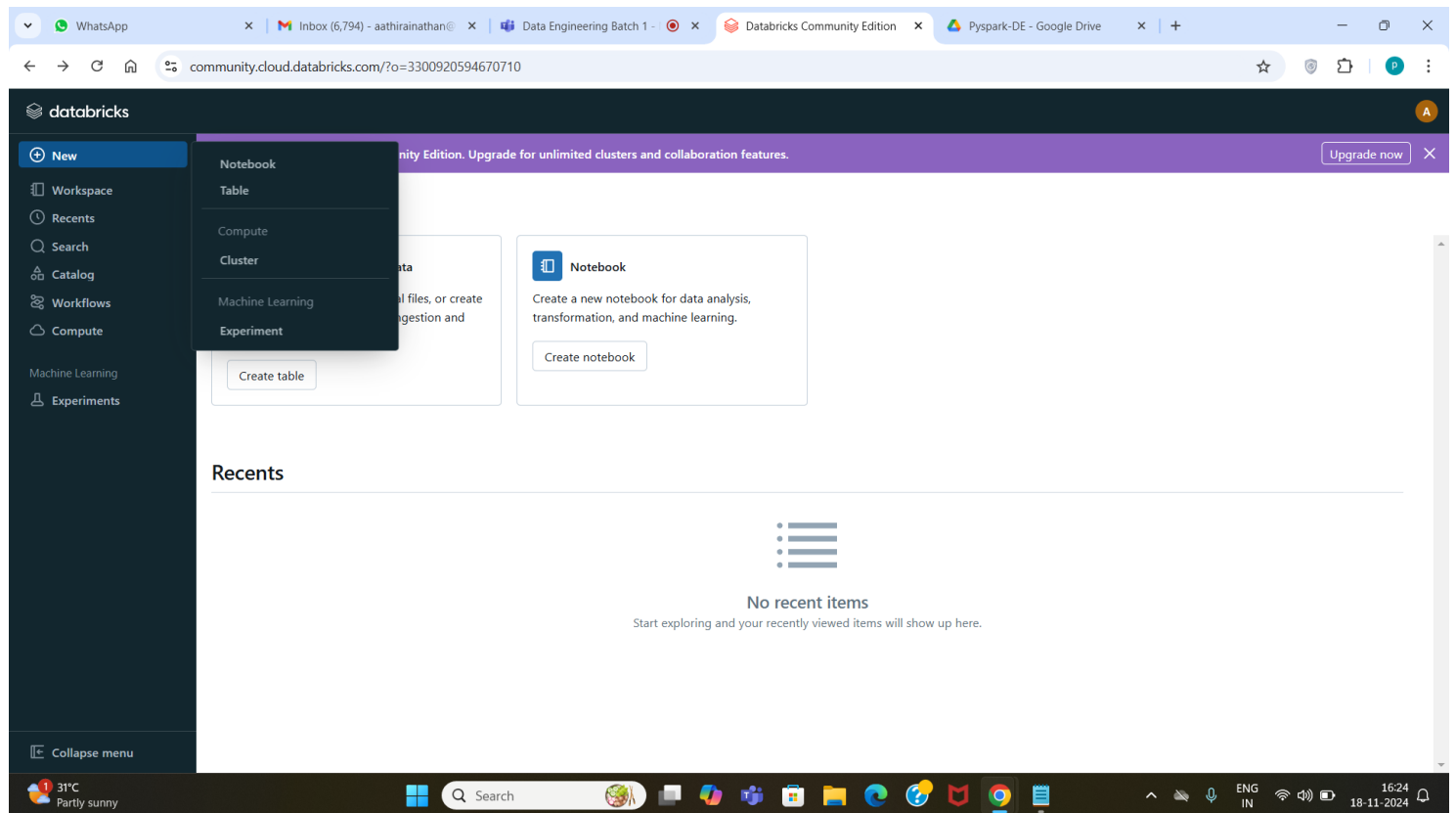


# Creating a Cluster

**Name:** Aathirainathan P

**Date:** 18-11-2024

**Step 1:** After logging into Databricks account, click on new -> Cluster.



# Step 2: Create and configure a new cluster

New

Workspace

Recents

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community.cloud.databricks.com/compute/clusters/1118-105534-pi3p9jgr?o=3300920594670710

databricks

Compute

Hex Cluster

More

Terminate

Edit

Configuration

Notebooks (0)

Libraries

Event log

Spark UI

Driver logs

Metrics

Apps

Spark compute UI - Master

Databricks Runtime Version

12.2 LTS (includes Apache Spark 3.3.2, Scala 2.12)

Driver type

Community Optimized

15.3 GB Memory, 2 Cores

Instance

Free 15 GB Memory: As a Community Edition user, your compute will automatically terminate after an idle period of one or two hours.  
For more configuration options, please upgrade your Databricks subscription.

Spark

JDBC/ODBC

Spark config

spark.databricks.rocksDB.fileManager.useCommitService false

Environment variables

PYSPARK\_PYTHON=/databricks/python3/bin/python3

Collapse menu

31°C

Partly sunny

Search

ENG IN

16:26

18-11-2024

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community.cloud.databricks.com/compute/clusters/1118-105534-pi3p9jgr/spark-compute-ui/master?o=3300920594670710

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Jobs

Stages

Storage

Environment

Executors

SQL / DataFrame

JDBC/ODBC Server

Structured Streaming

Spark Jobs

User: root

Total Uptime: 3.1 min

Scheduling Mode: FAIR

Event Timeline

Enable zooming

Executors

Added

Removed

Jobs

Succeeded

Failed

Running

	18	19	20	21	22	23	24	25
	18 November 10:56							

Collapse menu

31°C

Partly sunny

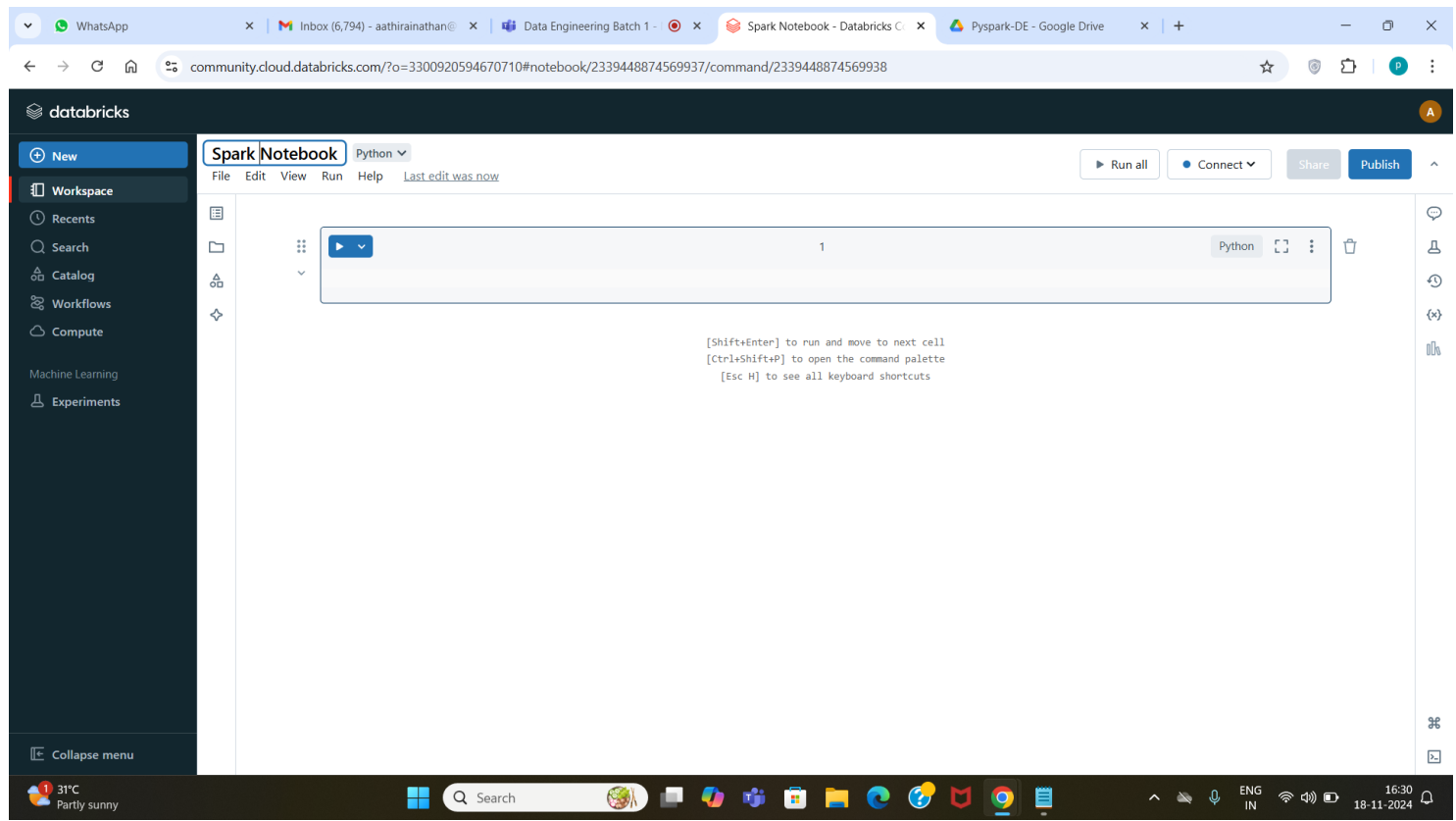
Search

ENG IN

16:29

18-11-2024

**Step 3:** Click on new, and select notebook to create a new notebook and click on the connect dropdown box to connect to the created cluster:



**Step 4:** In compute, the created cluster will be present, click on the three dots and select delete, to delete the cluster

databricks

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Compute

All-purpose computeJob compute

Filter compute you have access toCreated by

Create compute

State	Name	Runtime	Active memory	Active cores	Active DBU / h	Source	Creator	Notebooks
●	Hex Cluster	12.2	15 GB	2 cores	1	UI	aathirainathan@gmail.com	1

Restart

Clone

Delete

Collapse menu

120 / page

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Search

ENG IN

16:35

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databricks

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All-purpose computeJob compute

Filter compute you have access toCreated by

Create compute

State	Name	Runtime	Active memory	Active cores	Active DBU / h	Source	Creator	Notebooks
●	Hex Cluster						aathirainathan@gmail.com	1

Deleting "Hex Cluster".

Deleting a cluster terminates the cluster and removes its configuration. You cannot undo this action.

Are you sure you want to delete "Hex Cluster"?

CancelDelete

Collapse menu

120 / page

31°C

Partly sunny

Search

ENG IN


16:35

18-11-2024

Compute

All-purpose compute	Job compute
<ul style="list-style-type: none"> <li>• General purpose</li> <li>• Low latency</li> <li>• High throughput</li> <li>• High availability</li> <li>• High security</li> <li>• High reliability</li> <li>• High performance</li> <li>• High cost</li> </ul>	<ul style="list-style-type: none"> <li>• Special purpose</li> <li>• High latency</li> <li>• Low throughput</li> <li>• Low availability</li> <li>• Low security</li> <li>• Low reliability</li> <li>• Low performance</li> <li>• Low cost</li> </ul>

Q Filter compute you have access to

Created by 

Create compute

State	Name	Runtime	Active memory	Active cores	Active DBU / h	Source	Creator	Notebooks
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No compute

Create compute to run workloads from your notebooks and jobs. [Learn more about best practices for compute configuration](#)

Create compute