# CREATE AN AZURE DATABRICKS CLUSTER

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Meirc Training & Consulting

PLUS SPECIALTY TRAINING

Training, Research & Consulting MATRIX

# Azure Databricks

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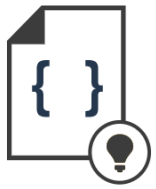
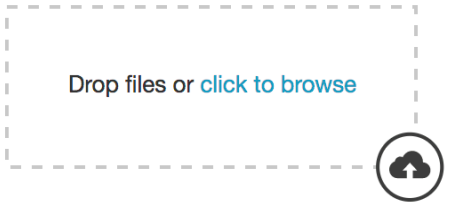


## Explore the Quickstart Tutorial

Spin up a cluster, run queries on preloaded data, and display results in 5 minutes.




## Import & Explore Data

Quickly import data, preview its schema, create a table, and query it in a notebook.

## Create a Blank Notebook

Create a notebook to start querying, visualizing, and modeling your data.

### Common Tasks

- New Notebook
- Create Table
- New Cluster
- New Job
- New MLflow Experiment New
- Import Library
- Read Documentation

### Recents

- 100GB Exploration
- SOPP Data Setup
- MEIRC-SQL-LAB-2018
- 01 Prepare Flight Data
- ML_in_a_Day_Customer_Churn

### Documentation

- Databricks Guide
- Python, R, Scala, SQL
- Importing Data

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# Clusters

Clusters Pools

2

+ Create Cluster

All | Created by me | Accessible by me

Filter

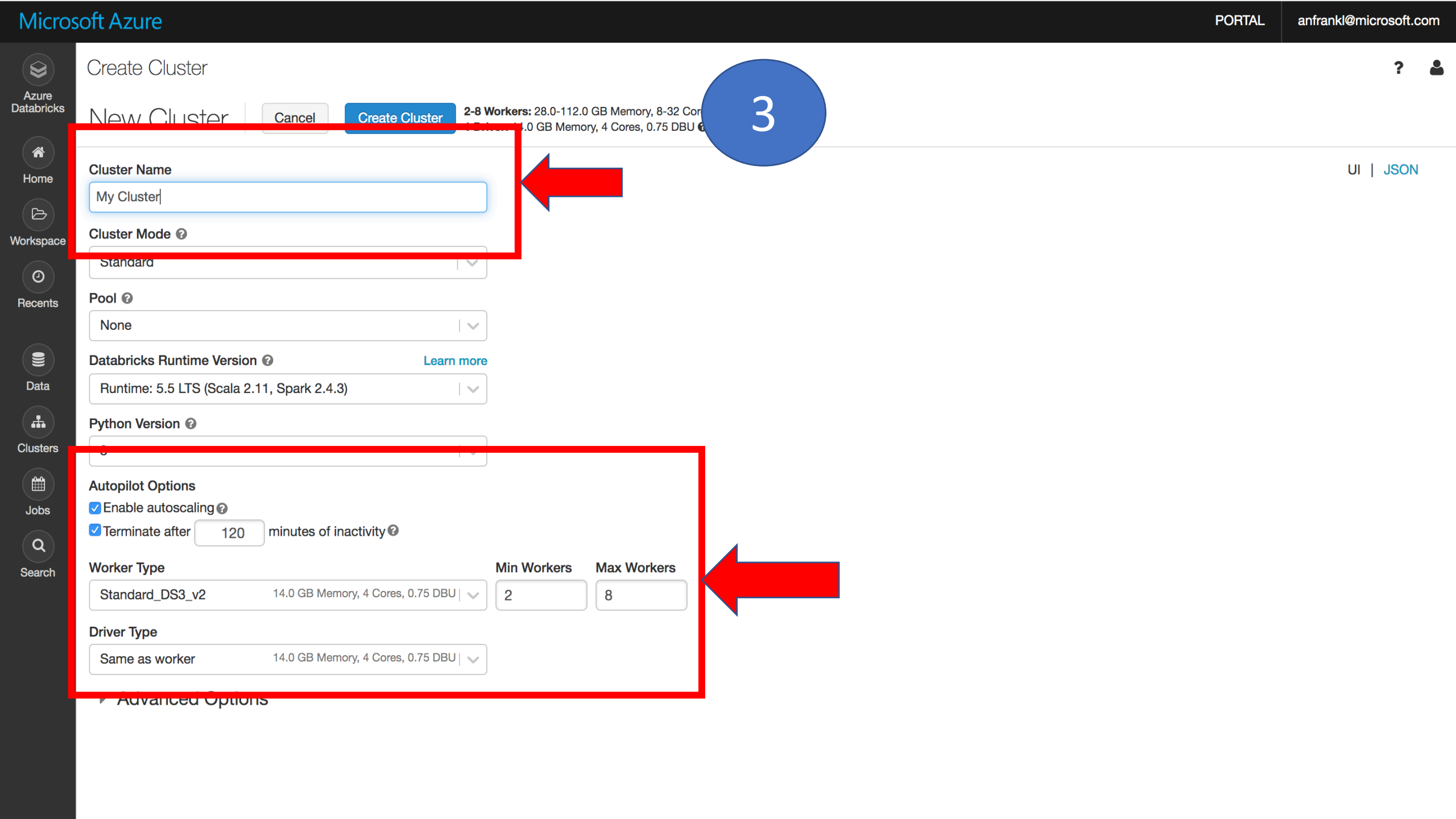
## Interactive Clusters

2 clusters, 0 pinned

| Name | State | Nodes | Driver | Worker | Runtime | Creator | | Actions |
|---|---|---|---|---|---|---|---|---|
| Franklin Cluster | Running | 3 | Standard_DS3_v | Standard_DS3_v | 5.5 LTS ML (inclu.. | anfrankl@micro.. | 0 | ... |
| Databricks Learning Cluster | Terminated | - | Standard_DS3_v | Standard_DS3_v | 5.5 LTS ML (inclu.. | anfrankl@micro.. | 0 | ... |

## Automated Clusters

No clusters found


Microsoft Azure
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anfrankl@microsoft.com
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Home
Workspace
Recents
Data
Clusters
Jobs
Search
Create Cluster
New Cluster
Cancel
Create Cluster
2-8 Workers: 28.0-112.0 GB Memory, 8-32 Cor
.0 GB Memory, 4 Cores, 0.75 DBU
3
UI | JSON
Cluster Name
My Cluster
Cluster Mode
Standard
Pool
None
Databricks Runtime Version
Learn more
Runtime: 5.5 LTS (Scala 2.11, Spark 2.4.3)
Python Version
Autopilot Options
Enable autoscaling
Terminate after 120 minutes of inactivity
Worker Type
Min Workers
Max Workers
Standard_DS3_v2 14.0 GB Memory, 4 Cores, 0.75 DBU
2
8
Driver Type
Same as worker 14.0 GB Memory, 4 Cores, 0.75 DBU

Create Cluster

# New Cluster

Cancel | Create Cluster | 2-8 Wo… GB Memory, 8-32 Cores, 1.5-6 DBU | 1 D… , 4 Cores, 0.75 DBU

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UI | JSON

**Cluster Name**

My Cluster

**Cluster Mode**

Standard

**Pool**

None

**Databricks Runtime Version** Learn more

Runtime: 5.5 LTS (Scala 2.11, Spark 2.4.3)

**Python Version**

3

**Autopilot Options**

☑ Enable autoscaling

☑ Terminate after 120 minutes of inactivity

| Worker Type | Min Workers | Max Workers |
|---|---|---|
| Standard_DS3_v2 14.0 GB Memory, 4 Cores, 0.75 DBU | 2 | 8 |

**Driver Type**

Same as worker 14.0 GB Memory, 4 Cores, 0.75 DBU

▸ Advanced Options