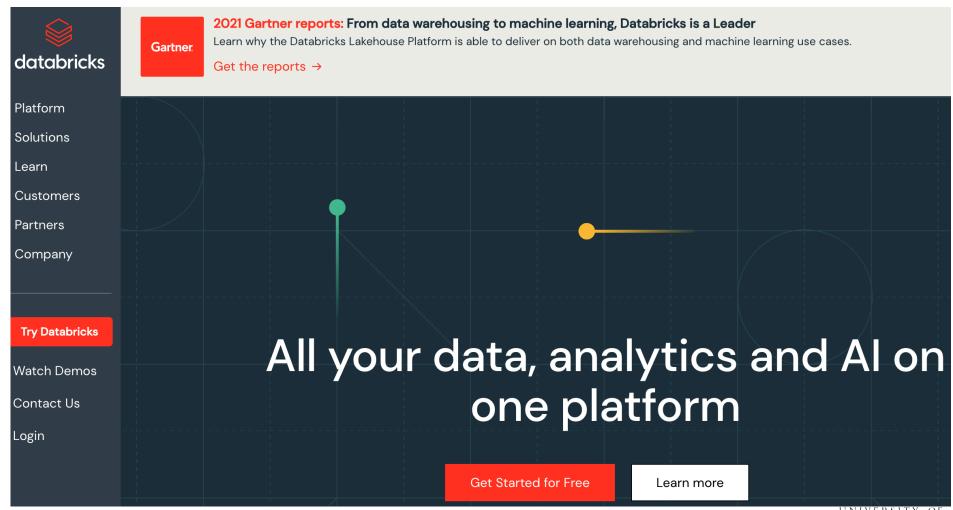
# Big Data and AI for Business Databricks



PROF. ADAM LEE

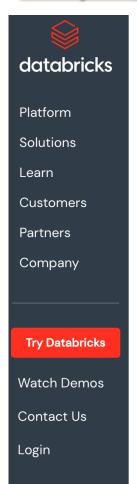
# Databricks https://databricks.com/





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# University Alliance

Resources and materials for educators, students and aspiring data scientists who want to build with Databricks

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#### Try Databricks for free

An open and unified data analytics platform for data engineering, data science, machine learning, and analytics. From the original creators of Apache Spark<sup>TM</sup>, Delta lake, MLflow, and Koalas.







#### Databricks trial:

- Collaborative environment for data teams to build solutions together.
- Interactive notebooks to use Apache Spark<sup>TM</sup>, SQL, Python, Scala, Delta Lake, MLflow, TensorFlow, Keras, Scikit-learn and more.
- Available as a 14-day full trial in your own cloud, or as a lightweight trial hosted by Databricks.

#### Used by:









REGENERON



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Adam					
Last Name: *					
Lee					
Company *					
University of Maryland					
Company Email *					
adamlee@cs.umd.edu					
Title *					
Environmental Health, Safety Associate					
Phone Number					
3017939611					
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# https://community.cloud.databricks.com/



#### **Data Science & Engineering**

Notebook

Upgrade

















?





Create a new notebook for querying, data processing, and machine learning.

Create a notebook



**Partner Connect** 

Fivetran, dbt <a>□</a>

Tableau, Power BI

View all partners



#### Data import

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

Browse files



**Guide: Quickstart tutorial** 

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

Start tutorial

#### Recents

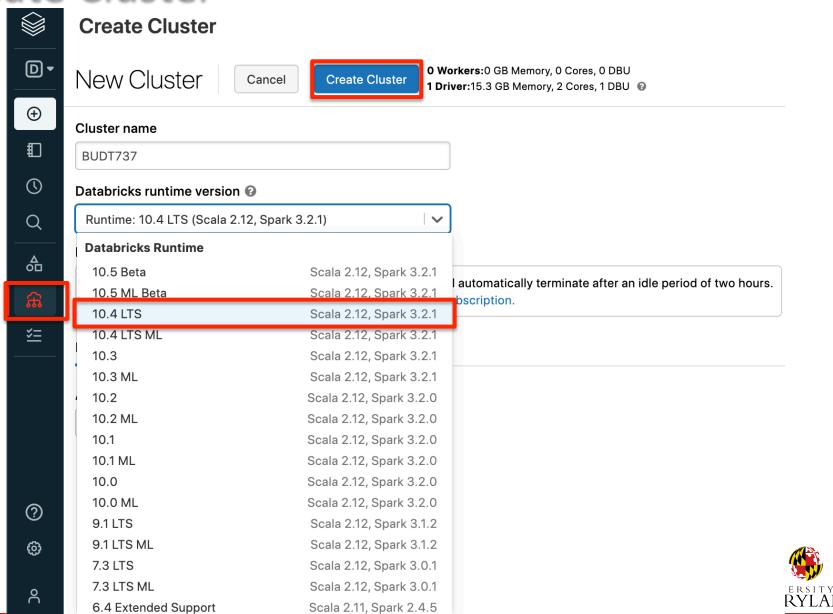
Name

Last viewed



There are no recents yet

### **Create Cluster**

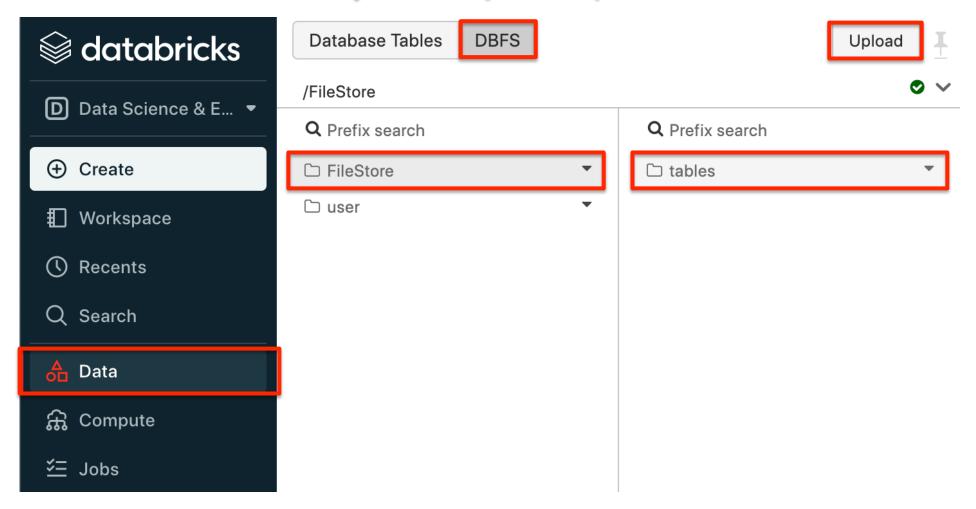


## Databricks runtime releases

Version	Release Date	End-of-support	Spark	Delta Lake	MLflow
10.4 LTS	Mar 18, 2022	Mar 18, 2024	3.2.1	1.1.0	1.24.0
10.3	Feb 2, 2022	Aug 2, 2022	3.2.1	1.1.0	1.23.0
10.2	Dec 22, 2021	Jun 22, 2022	3.2.0	1.1.0	1.22.0
10.1	Nov 10, 2021	May 10, 2022	3.2.0	1.0.0	1.21.0
10.0	Oct 20, 2021	Apr 20, 2022	3.2.0	1.0.0	1.20.2
9.1 LTS	Sep 23, 2021	Sep 23, 2023	3.1.2	1.0.0	1.20.2
7.3 LTS	Sep 24, 2020	Sep 24, 2022	3.0.1	0.7.0	1.11.0
6.4 ES	Mar 5, 2021	Jun 30, 2022	2.4.5	0.5.0	1.5.0

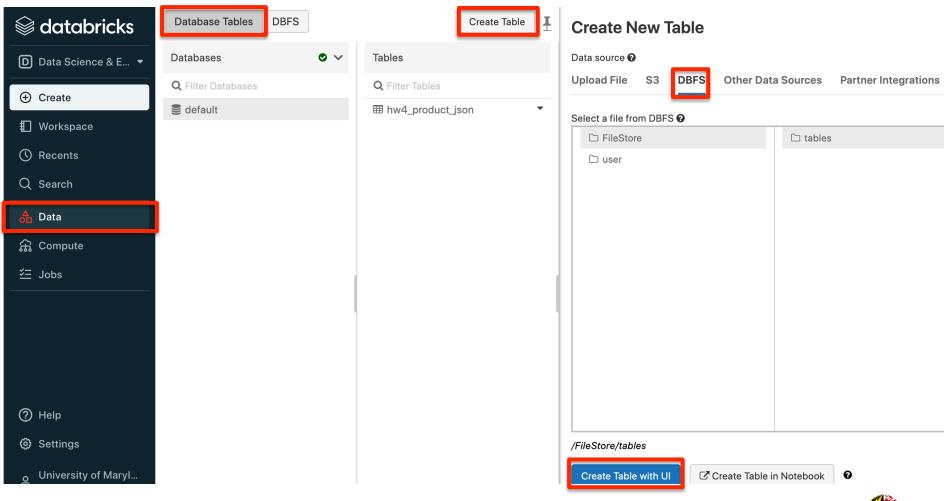
**Lee 737 Db** 

# Databricks File System (DBFS)





### **Database Tables**





**Lee 737 Db** 

### **Create Notebook**

