Getting Started Databricks

- Create a free Community Account on Databricks.com. This has the following limitations.
  - No Azure Resources Available
  - Only the Cluster Head Node is created, no workers.
  - 6 GB files.
  - Just for learning.

https://databricks.com/signup#signup/community

To Log Into Your Community Edition Account:

https://community.cloud.databricks.com

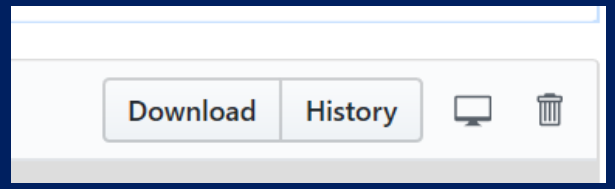
Getting the Workshop Materials

- Go to GitHub.com at.

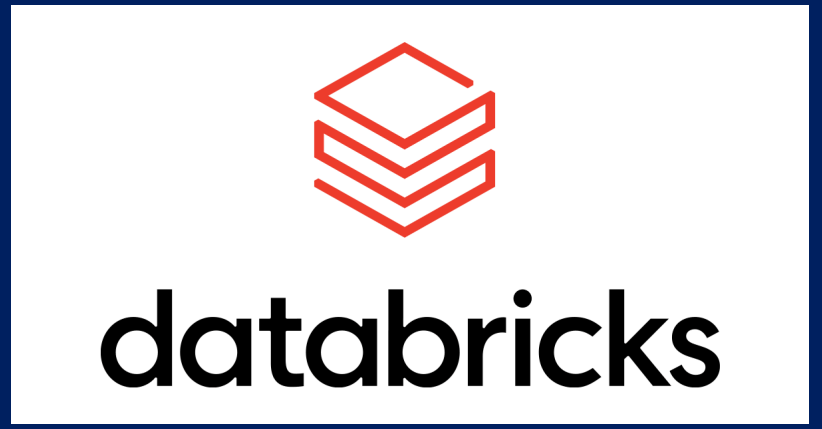
https://github.com/bcafferky/shared

Folder: DBFT2022

- Download the Zip file



- Unzip the file.
- Remember where you unzipped it to.



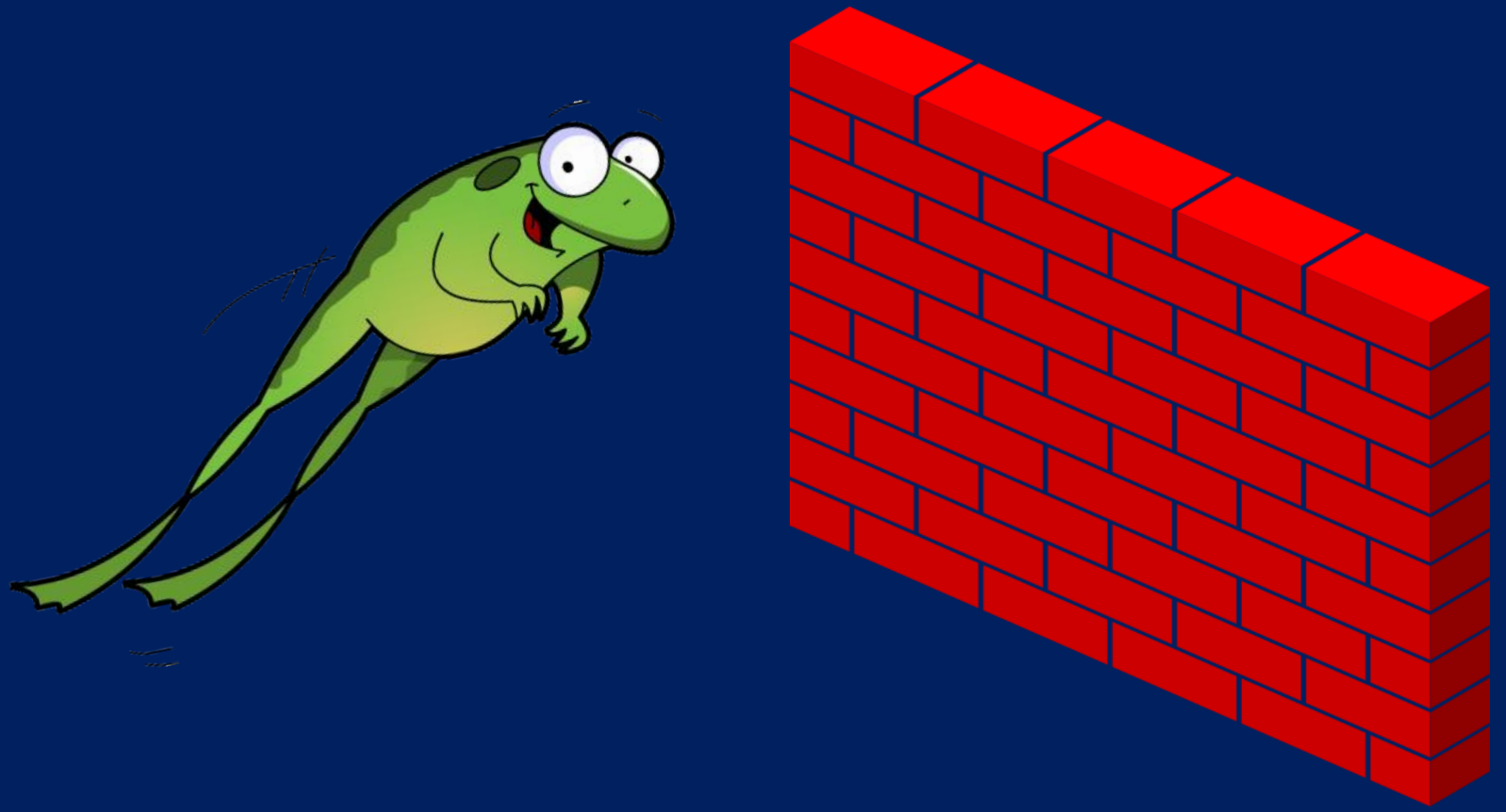
Welcome to
Databricks Fast Track

With Your Host….

Bryan Cafferky
Data Solutions Enabler

https://github.com/bcafferky/shared Folder: DBFT2022

Welcome!



https://github.com/bcafferky/shared Folder: DBFT2022

About Bryan Cafferky...

- Data and AI Consultant and Microsoft Certified Azure Data Scientist.
- Microsoft Data Science Training Content Developer. https://docs.microsoft.com/en-us/learn/
- Decades of IT Experience.
- Past Microsoft Data Platform MVP and Cloud and Data Center MVP.
- Author of Master Azure Databricks Step By Step available on Amazon.
- Author of Pro PowerShell for Database Developers by Apress.
- Experienced in health care, insurance, banking, and ecommerce.
- YouTube Channel Creator.

https://www.linkedin.com/in/bryancafferky

https://www.youtube.com/c/BryanCafferky

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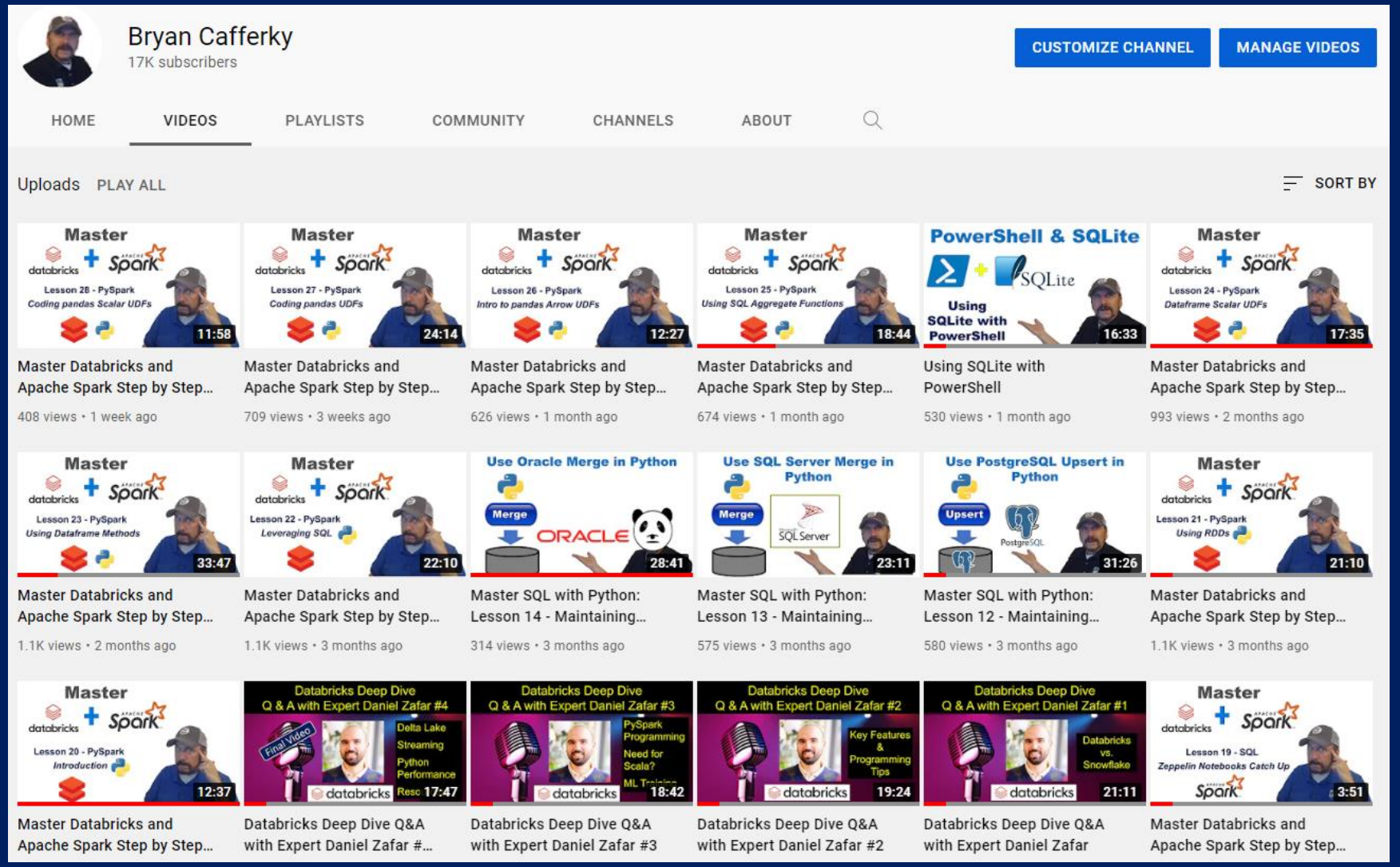
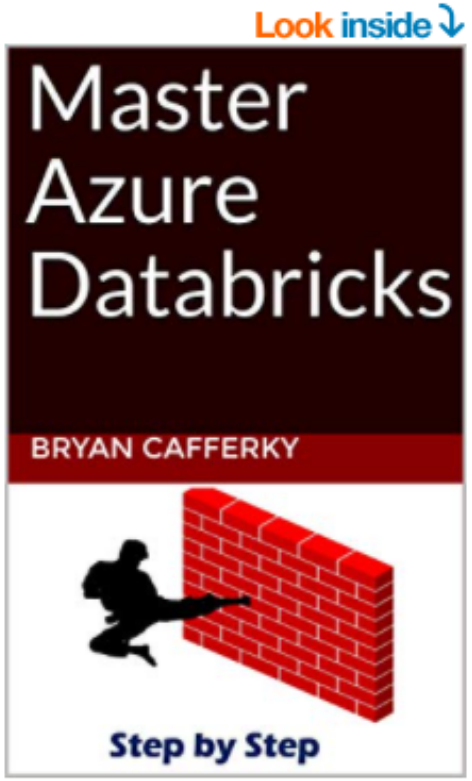


Master Azure Databricks Step By Step



Master Azure Databricks Step By Step Kindle Edition

by Bryan Cafferky (Author) | Format: Kindle Edition

4 ratings

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Kindle
$34.99

Read with Our **Free App**

Master Azure Databricks Step by Step will take you from beginner to master with a guided example packed use case demonstrating how to use the many features of this big data service. Learn how create and use Databricks clusters for Big Data engineering and data science. Discover the powerful features of Databricks notebooks and how to use them with Python, R, Scala, and SQL. You will learn how to use many types of data from flat file format like CSV, JSON, XML, and parquet to data services like Azure SQL, and other relational databases.

Read more

Logistics

- ✓ Plenty of breaks.
- ✓ Use the chat window. Only unmute when asked to.
- ✓ Interactive questions and feedback.
- ✓ You must have fun!

What's Ahead?

Logistics

9:00 – 10:30 AM

Introduction

Overview of Azure Databricks

10:45 – 11:15 AM

Clusters & Data

11:30 – 12:30 AM

Spark SQL

12:30 AM – 1:00 PM Lunch / Lab

1:00 – 2:30 PM

Python on Spark

2:45 – 3:45 PM

Scala

SparkR

4:00 – 5:00 PM

Machine Learning

Wrapping Up

Goals

- ✓ Learn What Databricks is and When to Use it.
- ✓ Become Familiar with the Databricks Workspace.
- ✓ Learn How to Use Databricks Notebooks.
- ✓ Become Familiar Using Spark SQL in Databricks.
- ✓ Know about key Databricks resources.

- ✓ By the end of the workshop, you will understand what Databricks is, when to use it, and how to use it enough to continue learning.

Wrapping Up

- ✓ We reviewed the schedule and logistics. Questions?
- ✓ Everyone has Databricks Community Edition?
- ✓ Everyone has downloaded the Zip file from GitHub?
- ✓ Everyone has unzipped the file.

Databricks Overview