Welcome to Data Engineering with Databricks

Evandro Muchinski
Marcel Franke

Short Introduction - Evandro

Microsoft

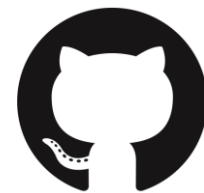MCT, MCSE, MCSA, MCITP, MCTS...

https://www.linkedin.com/in/evandro-muchinski/

Evandro.Muchinski@microsoft.com

Short Introduction - Marcel

https://github.com/marcelfranke

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

marcel.franke@microsoft.com

Who are you?

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1. Who already worked with Databricks?

2. Do you have a SQL background?

3. Are you familiar with ETL?

4. Do you know Python or any other programming language?

5. Have you ever worked with notebooks?

6. Did you ever have to process data > 10GB / 100 GB / 1 TB / 10+ TB ?

Course Overview

Module 0: Get Started with Databricks

Module 1: Get Started with Data Engineering

Module 2: Transform Data with Spark

Module 3: Manage Data with Delta Lake

Module 4: Build Data Pipelines with Delta Live Tables

Module 5: Unity Catalog

Time table & breaks

- 10:00 - 11:30 – Setup, Introduction to Databricks & Data Engineering
- 11:30 - 12:30 – Transform Data with Spark (Part 1)
- **12:30 - 13:15 – Lunch Break**
- 13:15 - 14:00 – Transform Data with Spark (Part 2)
- 14:00 - 15:00 – Manage Data with Delta Lake (Part 1)
- **15:00 - 15:30 – Break**
- 15:30 - 16:00 – Manage Data with Delta Lake (Part 2)
- 16:00 - 16:30 – Build Data Pipelines with Delta Live Tables
- 16:30 - 17:00 – Introduction Unity Catalog