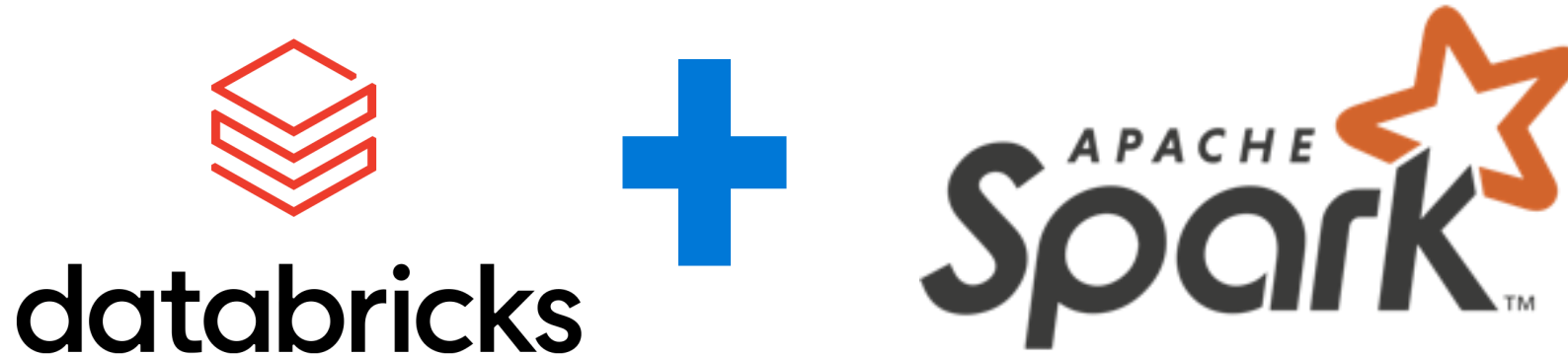


Master



Lesson 9 ***Creating SQL Tables*** ***on***



by Bryan Cafferky

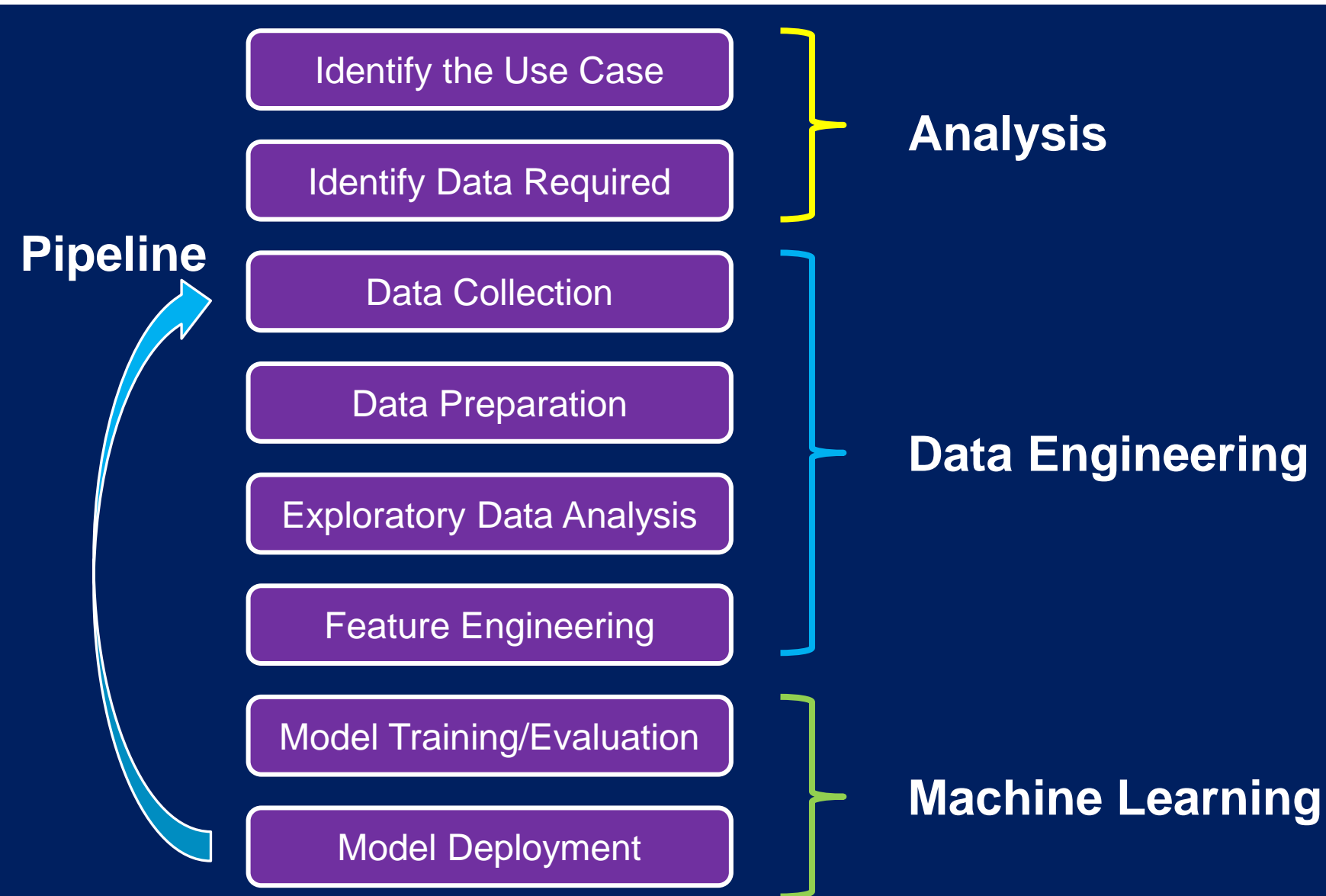
Where Are We Heading?

- The AdventureWorks Use Case
- Understanding the Data
- Creating the SQL Tables on Databricks

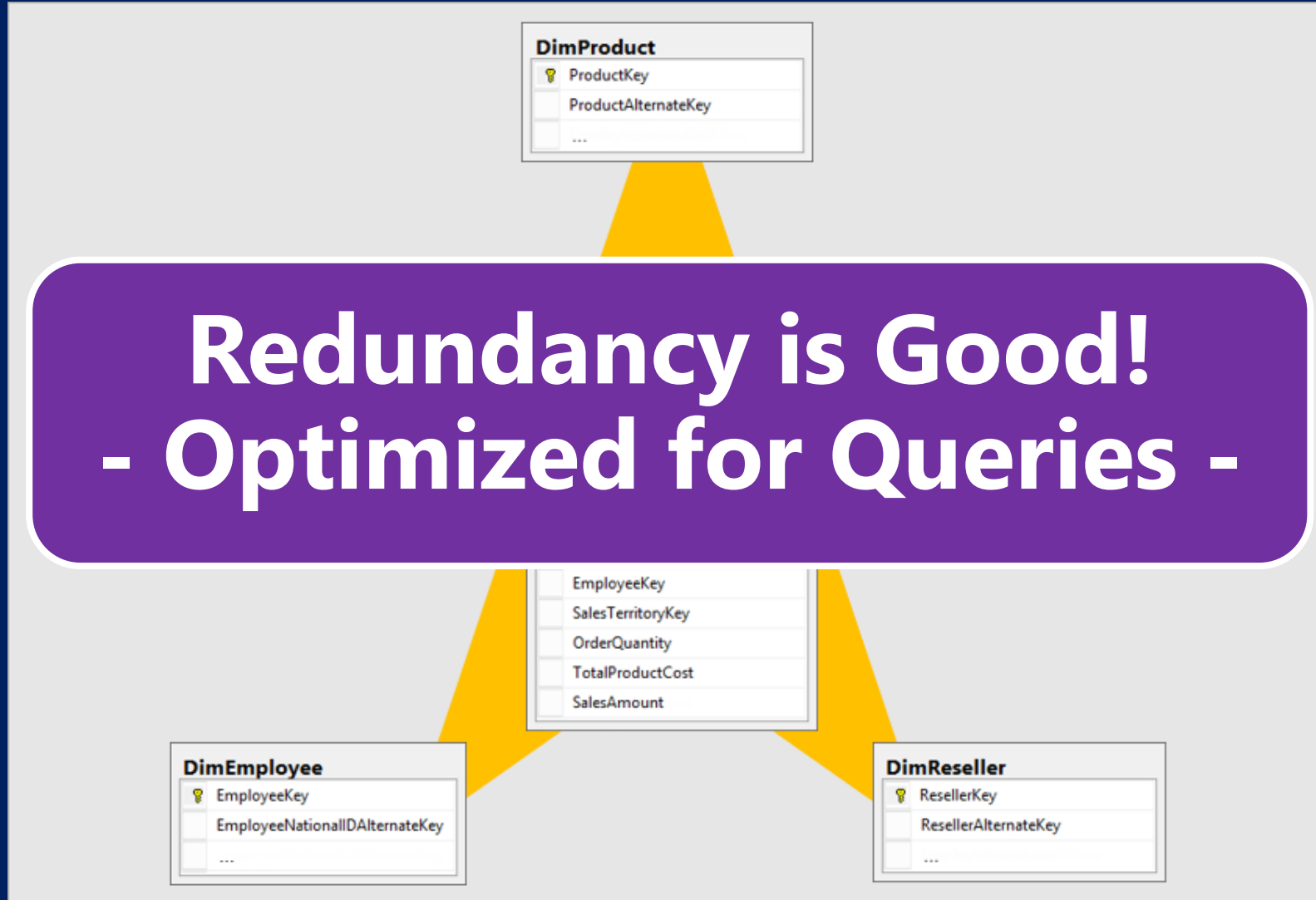
The AdventureWorks Project Use Case

- Management wants to get business insights from their data.
- Understanding Sales and Customer Behavior Better.
- Create a Machine Learning Model that Predicts What a Customer Will Purchase.

The Data Science Process

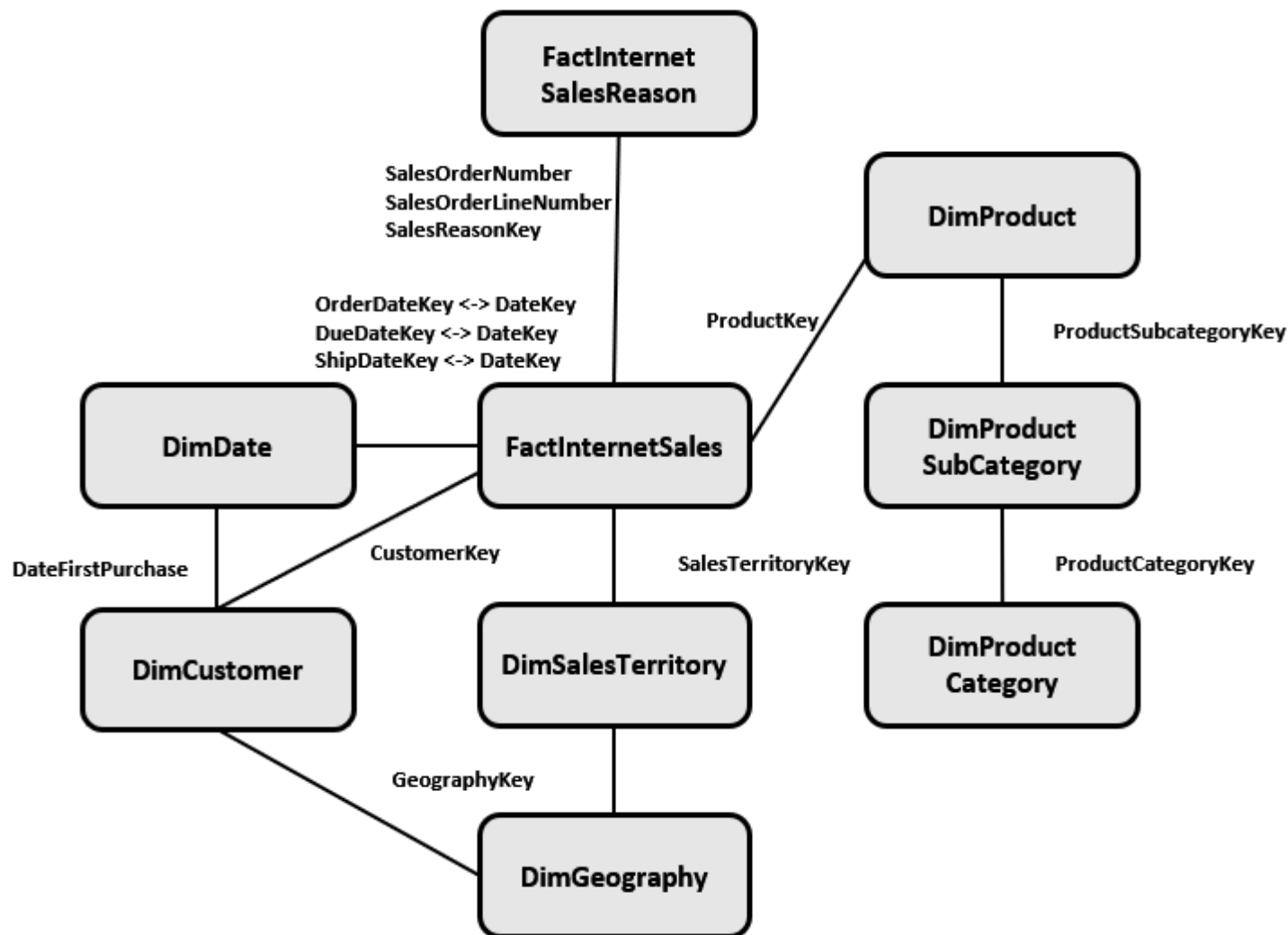


Understanding the Data: Dimensional Modeling

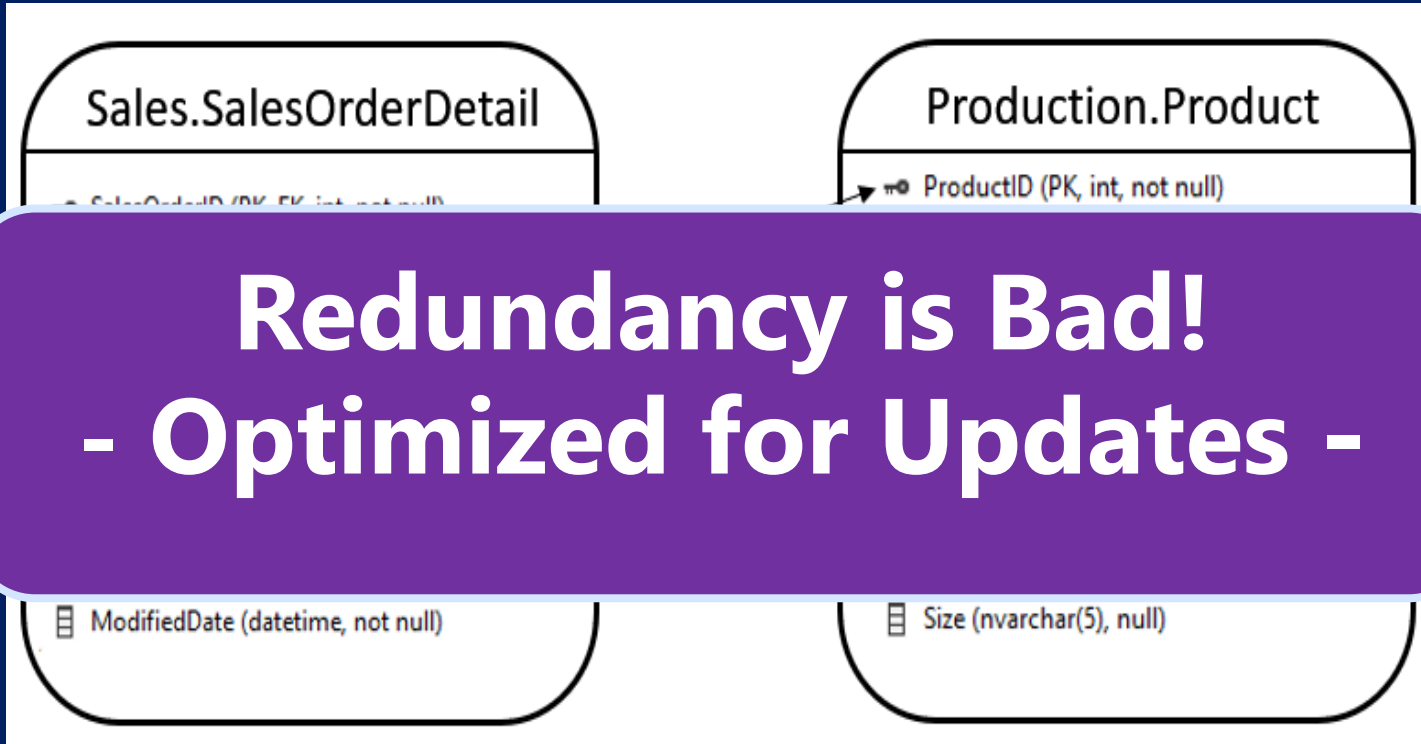


Understanding the Data Warehouse: The Star Schema

AdventureWorks Schema



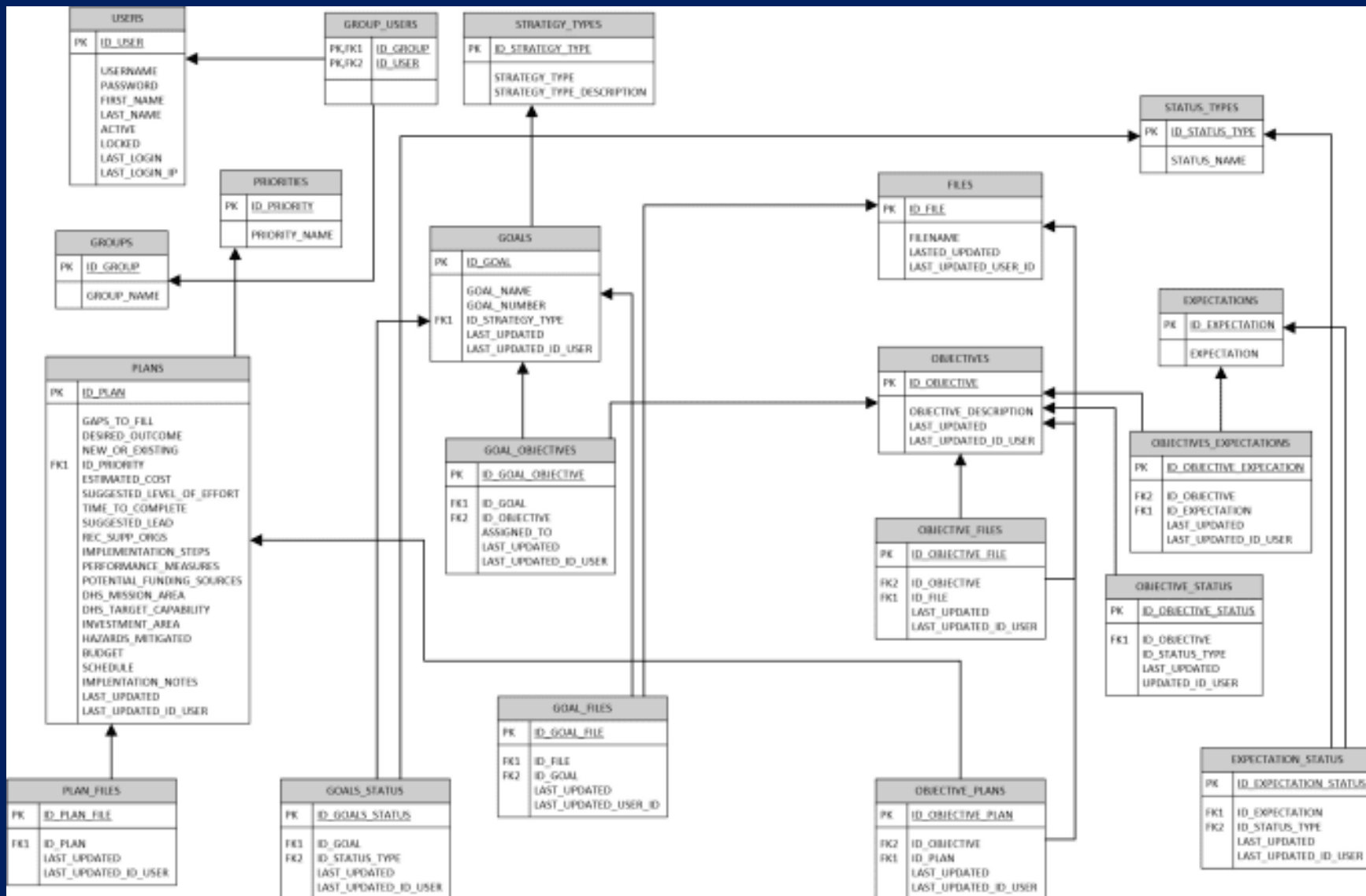
Understanding the Data: OLTP



Laws of Normalization

- First Normal Form
- Second Normal Form
- Third Normal Form

Understanding the Data: OLTP Example





Creating the Databricks SQL Tables

Wrapping Up

- The AdventureWorks Use Case
- Understanding the Data
- Creating the SQL Tables on Databricks

Thank You!