# **DP 200 - Implementing a Data Platform Solution**

## Lab 3- Enabling Team Based Data Science with Azure Databricks

### Exercise 1: Explain Azure Databricks

**Question 1.**

Outline how Databricks can be used to meet an AdventureWorks digital transformation requirements as outlined by the case study.

|  |  |
| --- | --- |
| **Requirement** | Reason |
| AdventureWorks would like to take their data analytics further and start to utilize predictive analytics capabilities. | Databricks is an appropriate technology to be used to meet this requirement, as it is an Apache Spark-based analytics platform with one-click setup, streamlined workflows, and interactive workspace that enables collaboration between data scientists, data engineers, and business analysts. |

**Question 2.**

From the lessons learned from the course and labs so far, what would be a candidate data source for the Azure Databricks instance you are configuring?

|  |  |
| --- | --- |
| **Candidate data source** | Reason |
| The Data Lake Store Gen II named awdlsstudxx, where \*\*xx\*\* are your initials. | It can be used to store a variety of data in a variety of formats in unlimited scale that can be used by Azure Databricks as a source of information. |