# **DP201 - Designing an Azure Data Platform Solution**

## Lab 2 – Azure Batch Processing Reference Architectures

Exercise 1

**Task 1: Design an Enterprise BI solution in Azure**

Use the table below to document the requirements that would form part of the Batch mode processing of data in an Enterprise BI solution in AdventureWorks.

Below are examples of the requirements that could be identified.

|  |  |  |
| --- | --- | --- |
| # | Requirement | Technology Suggestion |
| 1 | Performing historical reporting and descriptive analytics | Azure Synapse - Azure SQL Data Warehouse |
| 2 | Performing predictive analytics with historical data | Azure Databricks |
| 3 | Connected bicycle daily summary data storage | Azure Data Lake Store Gen II |
| 4 | Respond to requests for data in near real-time regardless of where the customer is located. | Azure Cosmos DB |