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

## Lab 3 – Azure Real-Time Reference Architectures

Exercise 1

**Task 1: Design an real-time 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 analysis of real-time social media data | Event Hub | Stream Analytics |
| 2 | Connected bicycle streaming data | IoT Hubs.  Stream Analytics |
| 3 | Performing predictive analytics of bicycle maintenance | IoT Hubs.  Azure Databricks with Kafka |