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

## Lab 3 – Azure Real Time Reference Architectures

**Exercise 2**

**Task 1: Build a high-level architecture that reflects a stream processing pipeline with Azure Databricks.**

Use the template below to document the high-level architecture that would form part of a stream processing pipeline with Azure Databricks.

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| **Connected Bicycle** | | | |
| Data Source | Ingestion and Data Storage | Analysis | Visualisation |
| Azure IoT Hub - Visual Studio Marketplace | Microsoft BI Tools: Azure Stream AnalyticsDica rápida — Utilizando o Cosmos DB no ambiente de desenvolvimento | Transactional data | Adventures with Azure: Security, Azure Functions and Azure API ... |

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| --- | --- | --- | --- |
| **Bicycle maintenance service** | | | |
| Data Source | Ingestion and Data Storage | Analysis | Visualisation |
|  |  | Microsoft Azure Machine Learning Studio brings an easy-to-use and ... |  |