

DP201 - Designing an Azure Data Platform Solution


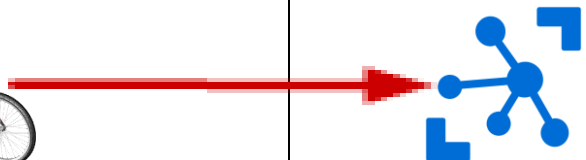
Lab 3 – Azure Real-Time Reference Architectures

Exercise 2

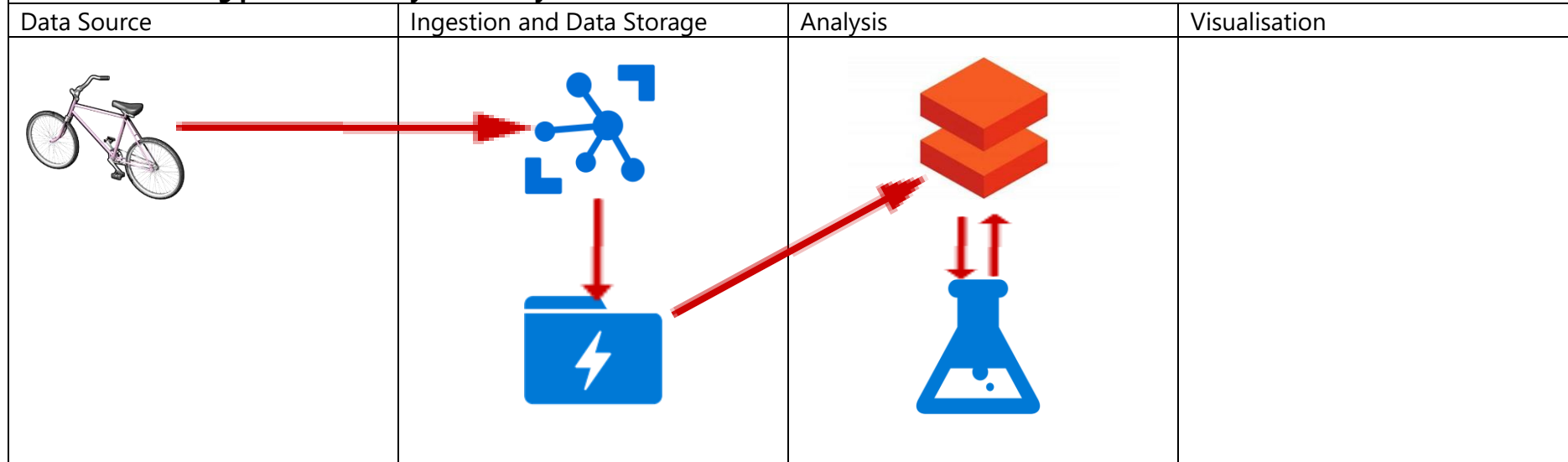
Task 1: Build a high level Architecture that reflects a stream processing pipeline with Azure Databricks.

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

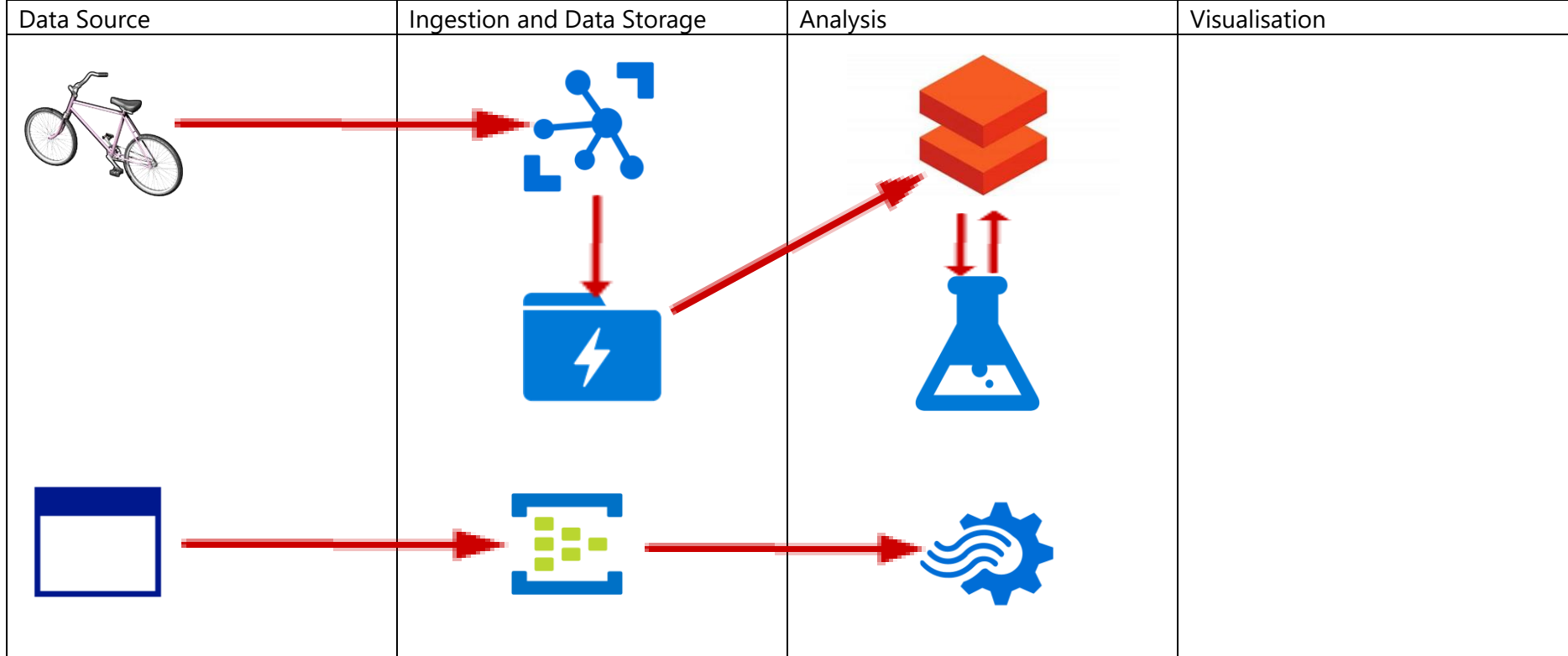
Below are examples of the type of requirements that **could** be identified based on the evidence from the case study.

| 1. Connected bicycle streaming data | | | |
|---|---|----------|---------------|
| Data Source | Ingestion and Data Storage | Analysis | Visualisation |
|  |  | | |

2. Performing predictive analytics of bicycle maintenance



1. Holistic real-time architecture



Complete holistic architecture – (Batch and real-time mode)

