DP201 - Designing an Azure Data Platform Solution

Lab 2 – Azure Batch Processing Reference Architectures

Exercise 1
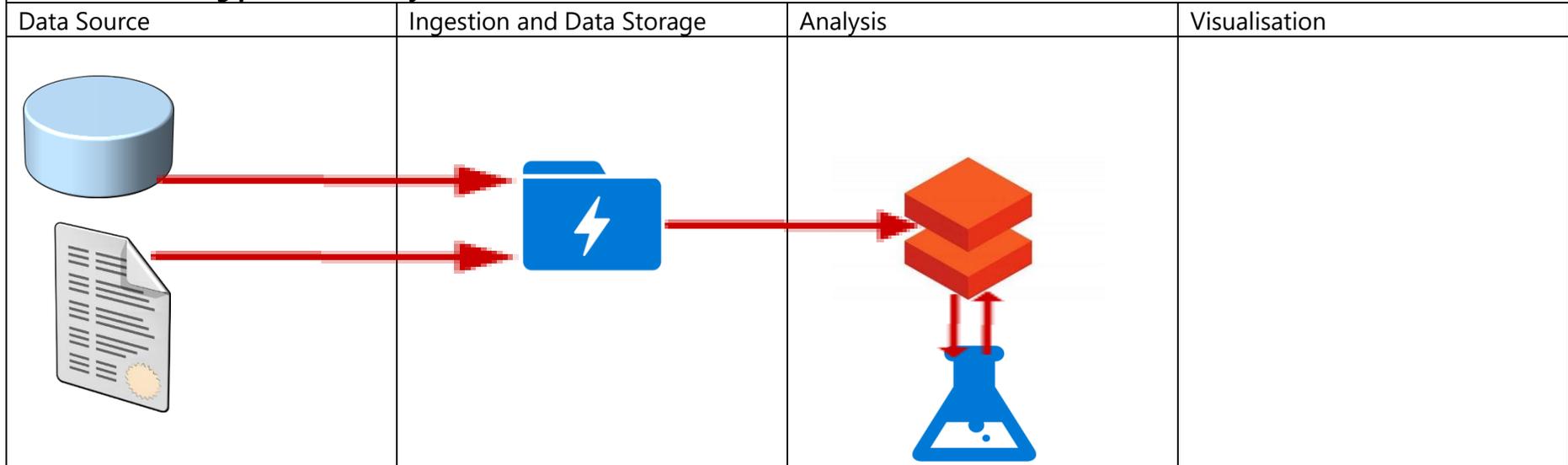
Task 2: Build a high level Architecture that reflects the Enterprise BI solution in AdventureWorks.

Use the template below to document the high-level architecture that would form part of the Batch mode processing of data in an Enterprise BI solution in AdventureWorks.

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

1. Performing historical reporting and descriptive analytics			
Data Source	Ingestion and Data Storage	Analysis	Visualisation
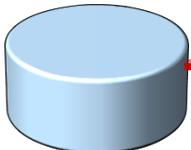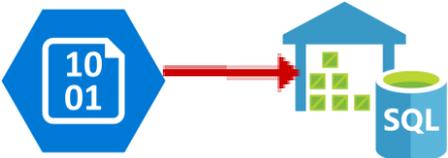
2. Performing predictive analytics with historical data			
Data Source	Ingestion and Data Storage	Analysis	Visualisation

3. Connected bicycle daily summary data storage			
Data Source	Ingestion and Data Storage	Analysis	Visualisation

Holistic batch mode architecture

| Data Source | Ingestion and Data Storage | Analysis | Visualisation |
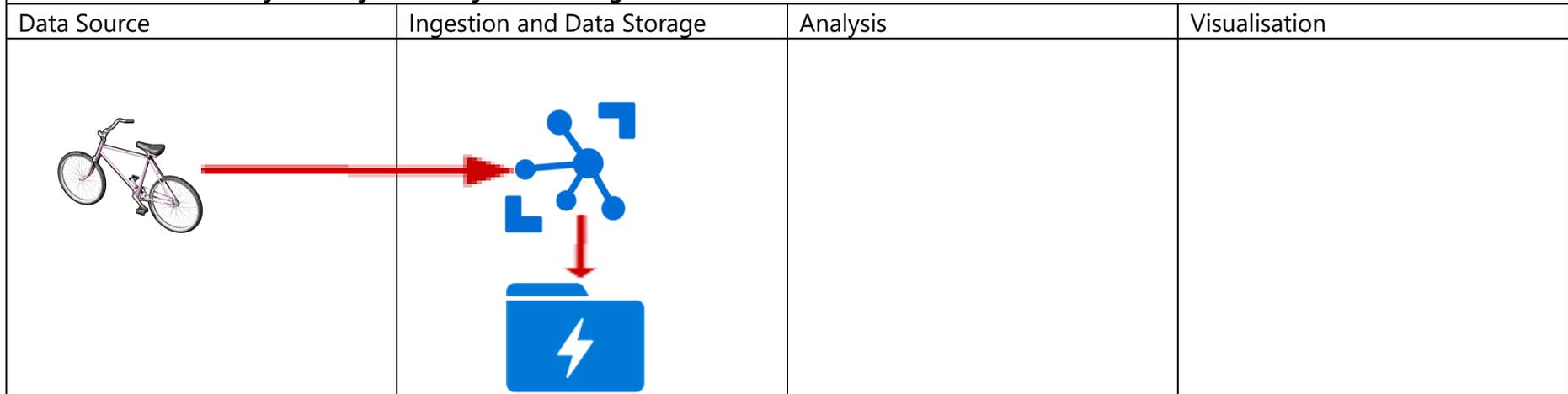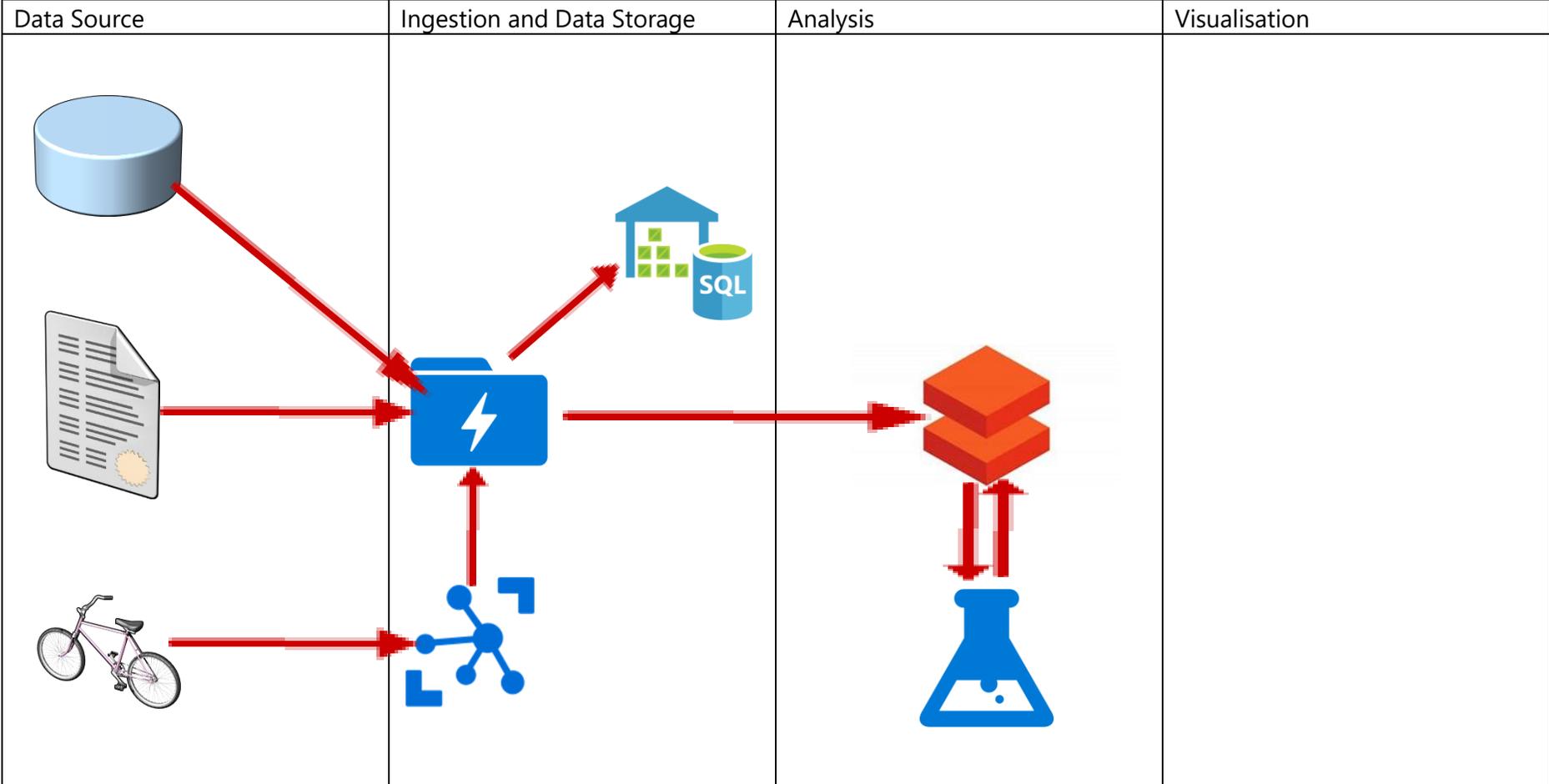
The students could go one step further and flush out the Analysis and Visualisation aspects of the architecture. Whilst not called out in the case study, it can be used as a basis for discussion in the lab review.

Holistic Batch mode architecture

Data Source	Ingestion and Data Storage	Analysis	Visualisation