# **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 |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Performing predictive analytics with historical data** | | | |
| Data Source | Ingestion and Data Storage | Analysis | Visualisation |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **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 |
|  |  |  |  |