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

## Lab 2 – Azure Batch Processing Reference Architectures

**Exercise 1**

**Task 1: List batch mode processing requirements for AdventureWorks**

Use the table below to document the requirements that would form part of the batch mode processing of data in an Enterprise BI solution for AdventureWorks.

|  |  |  |
| --- | --- | --- |
| # | Requirement | Technology Suggestion |
| 1 | Business Reporting / Datawarehouse for data analysis | **Synapse**/CosmosDB |
| 2 | Maintenance services | Synapse/CosmosDB |
| 3 | Ingesting on-prem data and storing in cloud (Azure gen 2 lake or blob storage) | SSIS/**Data Factory**/AZCopy/bcp |
| 4 | Daily summary data being saved to flat files (azure data storage/lake storage) | azure data storage/data factory |
| 5 | Storing logs + conversation history of the chatbot post call | Synapse/cosmosdb orch. By data factory |
| 6 | Building on (1) , Predictive analytics capabilities for recommendation/analytics engine | Databricks / data factory |