# **DP 200 - Implementing a Data Platform Solution**

## Lab 1 - Azure for the Data Engineer

### Exercise 1: Identify the evolving world of data within AdventureWorks.

Use the table below to document the data requirements and data structure as identified from the AdventureWorks case study.

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| --- | --- | --- |
| # | Data requirement | Data Structure |
| 1 | Connected bike telemetry, likely to be JSOn probably. Used both for amintenance and app sharing) | unstructured |
| 2 | Historical analytics from olatp/predictive analysis | structured |
| 3 | Images from website | unstructured |
| 4 | Chatbot conversaton history (needs privacy considerations | semi/unstructured |
| 5 | Social media analysis | Unstructured |
|  |  |  |

streams such as telemetry and social media might not need to be stored they may just go directly into a live display. Maybe want to agregate metrics from streaming instead of storing them all exactly