# Cortana Intelligence Suite

## Day 4

Airline

This solution is based on a real world predictive maintenance system for a major airline. The data comes from a variety of sources including IoT data streams from aircraft engines, flight plans, weather information and logs. The solution leverages Azure HDInsight for feature engineering, Azure Machine Learning to detect operational anomalies and Azure SQL DW to enable high performance querying on the resulting petabytes of data. This report also shows the use of custom visualizations designed for the airline industry.

<https://powerbi.microsoft.com/en-us/industries/airline/>

### Azure IoT Suite with Stream Analytics

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