Microsoft Azure Machine Learning

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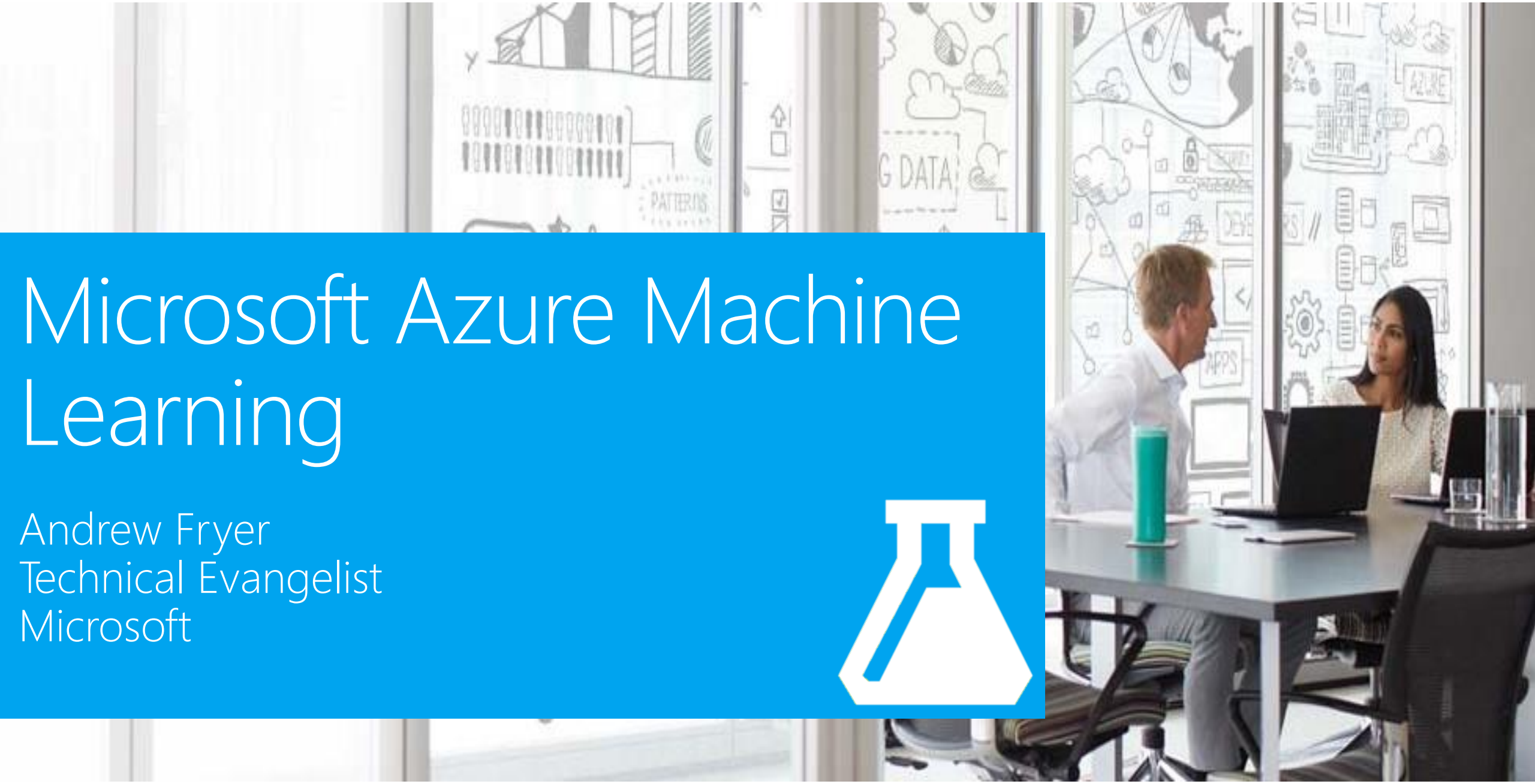
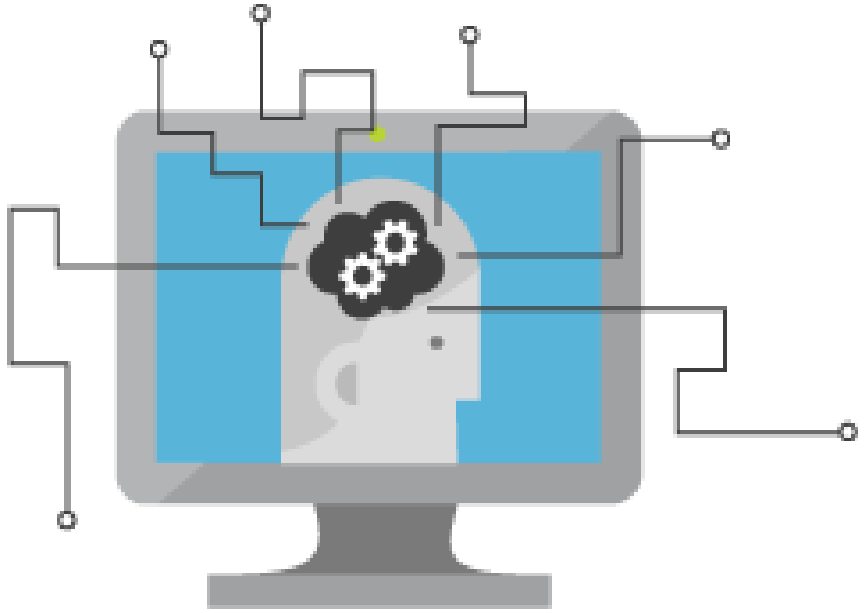


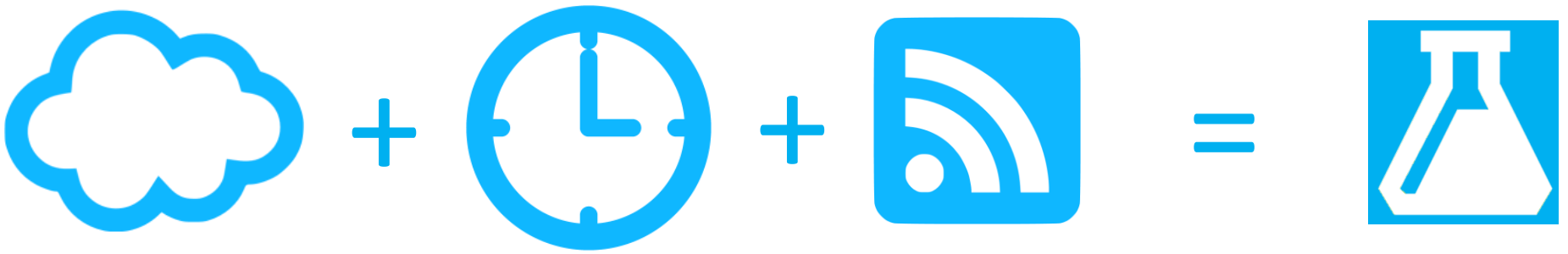
What is Machine Learning (ML)



Computing Systems that become smarter with Experience

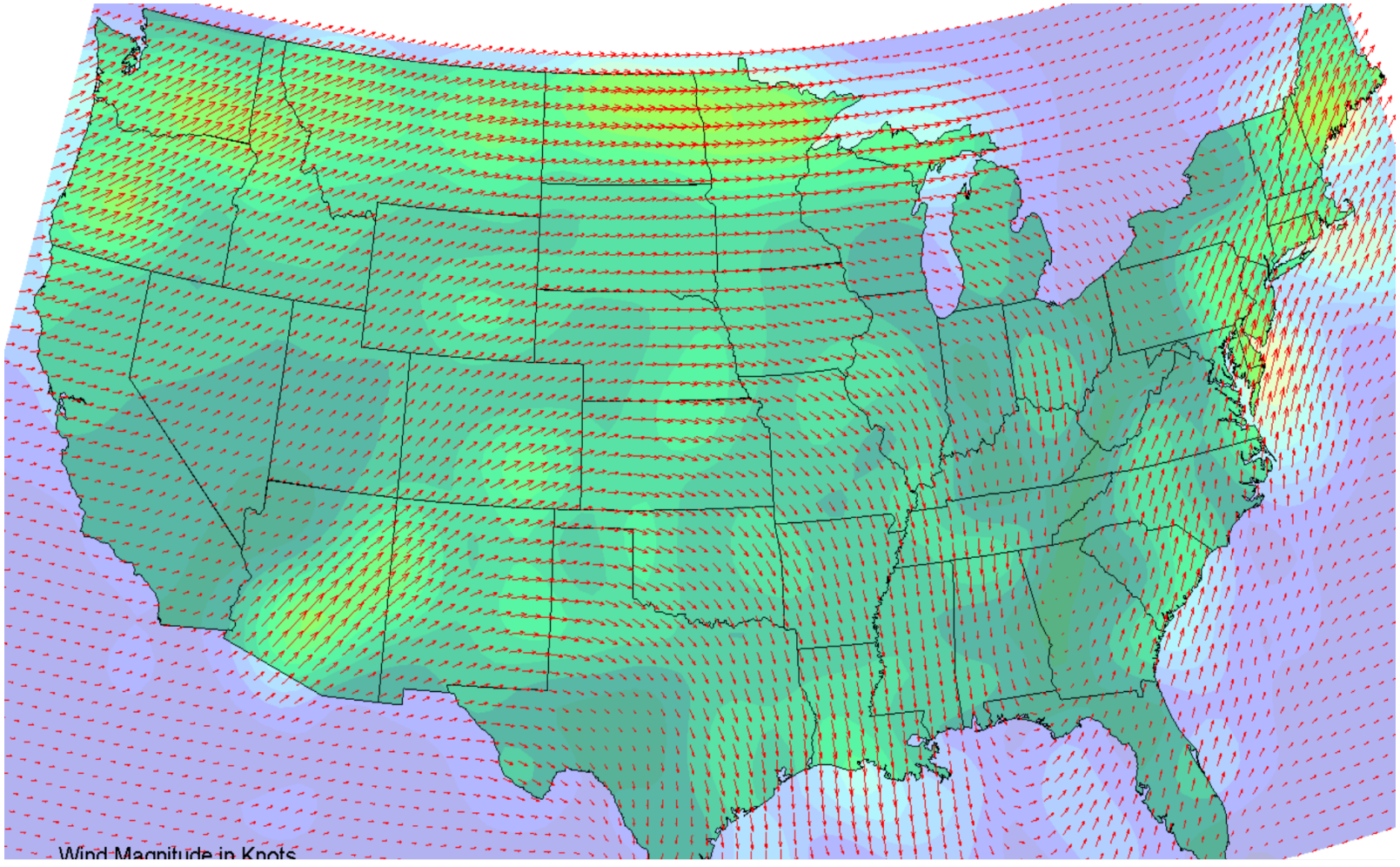
Experience = Past Data + Human Input

Why Now?



WindFlow

http://windflow.azurewebsites.net/



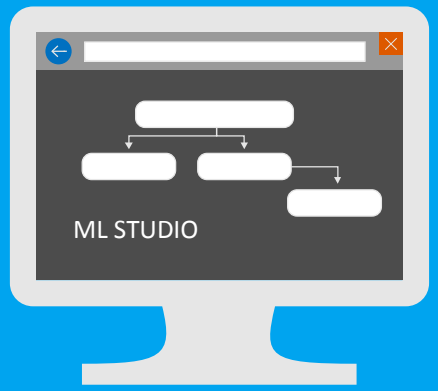
What is Azure Machine Learning

Data

Blobs and Tables

Hadoop (HDInsight)

Relational DB (Azure SQL DB)

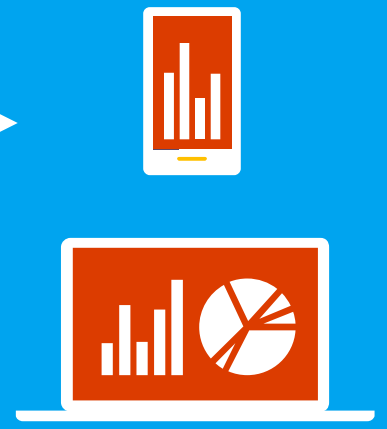


Integrated development environment for Machine Learning

Model is now a web service that is callable

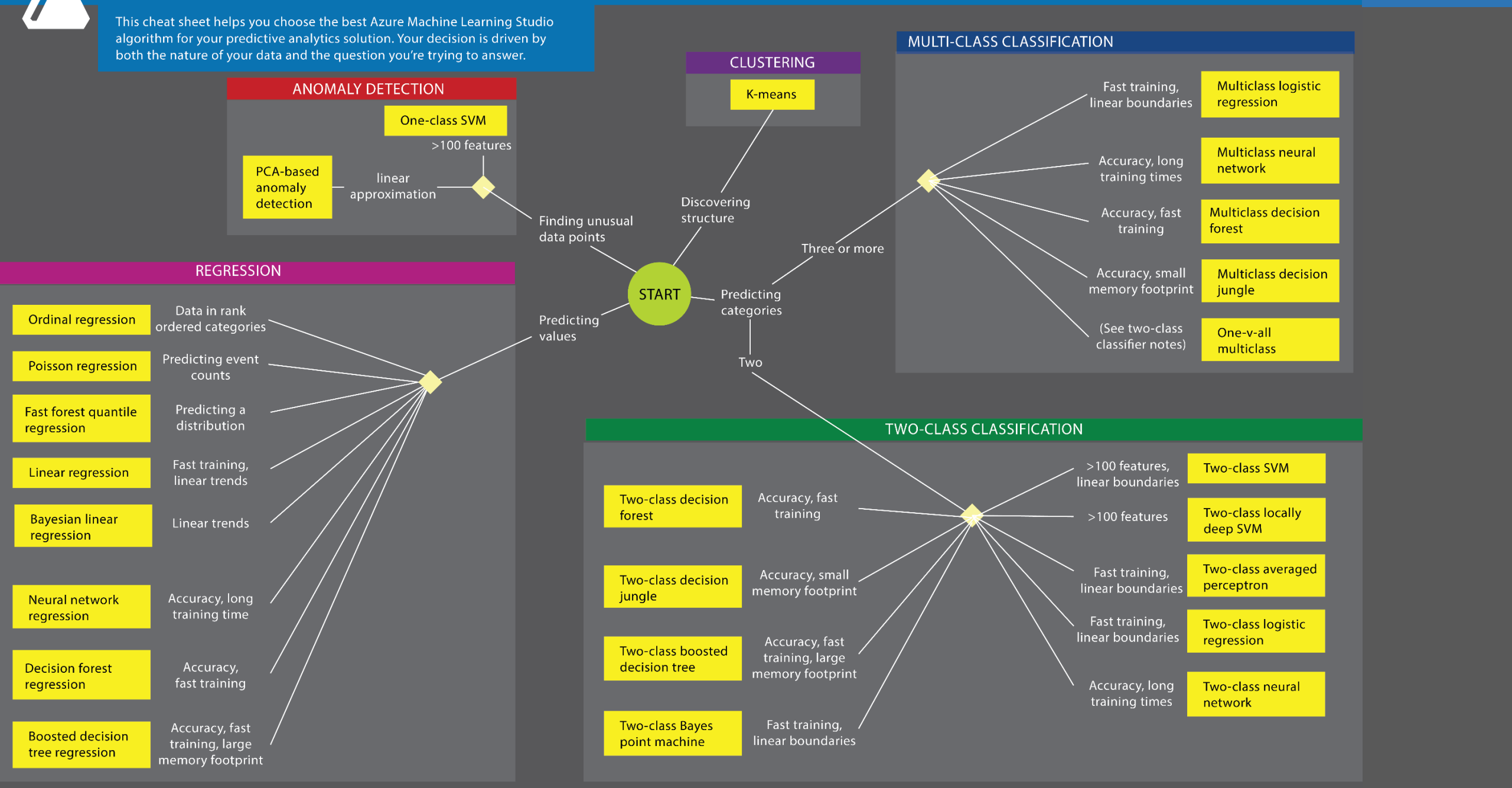
Monetize the API through our marketplace

Clients



Microsoft Azure Machine Learning: Algorithm Cheat Sheet

This cheat sheet helps you choose the best Azure Machine Learning Studio algorithm for your predictive analytics solution. Your decision is driven by both the nature of your data and the question you're trying to answer.



Azure Data Journeys

Other Data Services Avaliable on Azure

Cortana Analytics Suite

IoT

Feeds

Data Sources

Visualisation

- Power BI

Orchestration

- Service bus
- Event Hub
- Data Factory

Compute

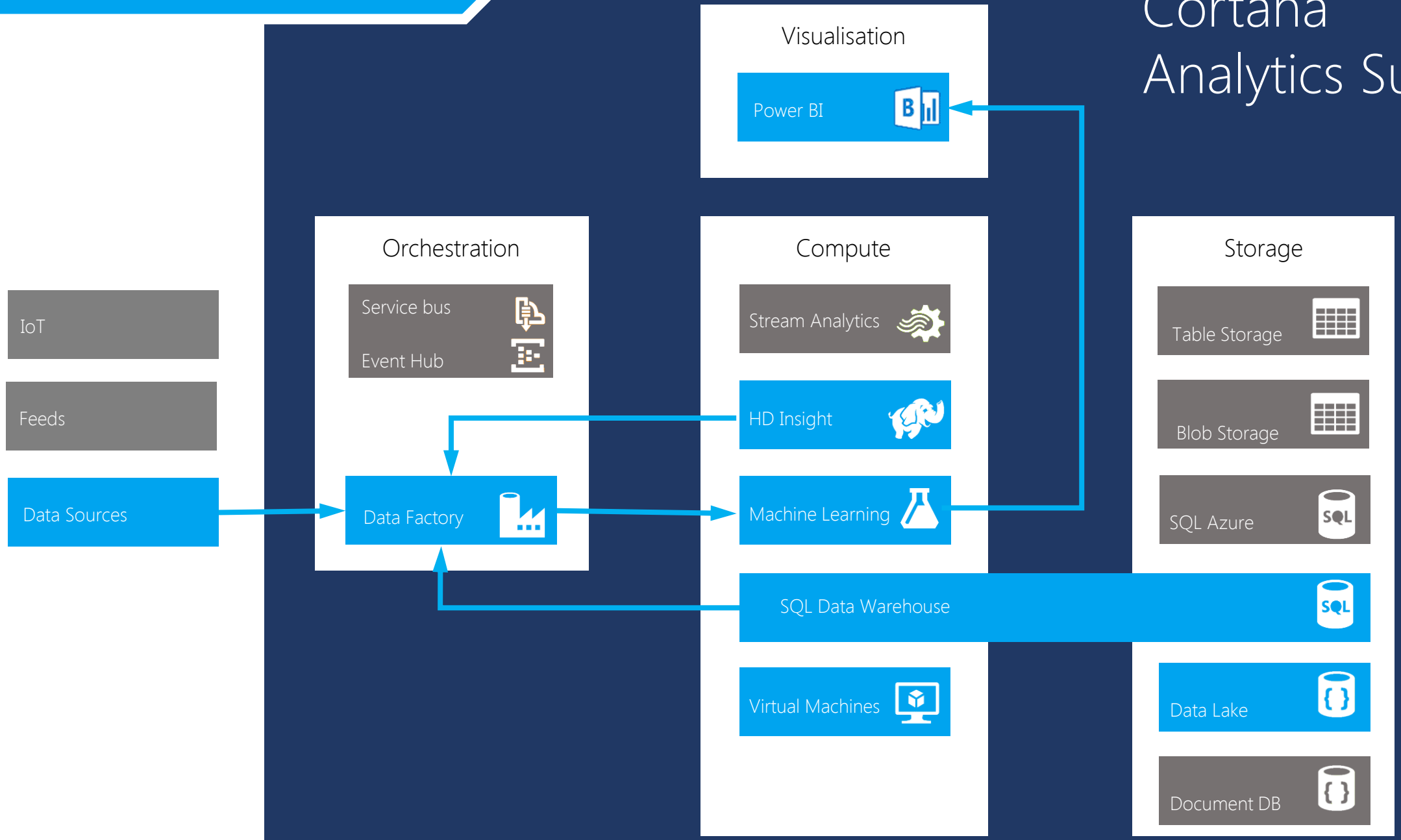
- Stream Analytics
- HD Insight
- Machine Learning
- SQL Data Warehouse
- Virtual Machines

Storage

- Table Storage
- Blob Storage
- SQL Azure
- SQL Data Warehouse
- Data Lake
- Document DB

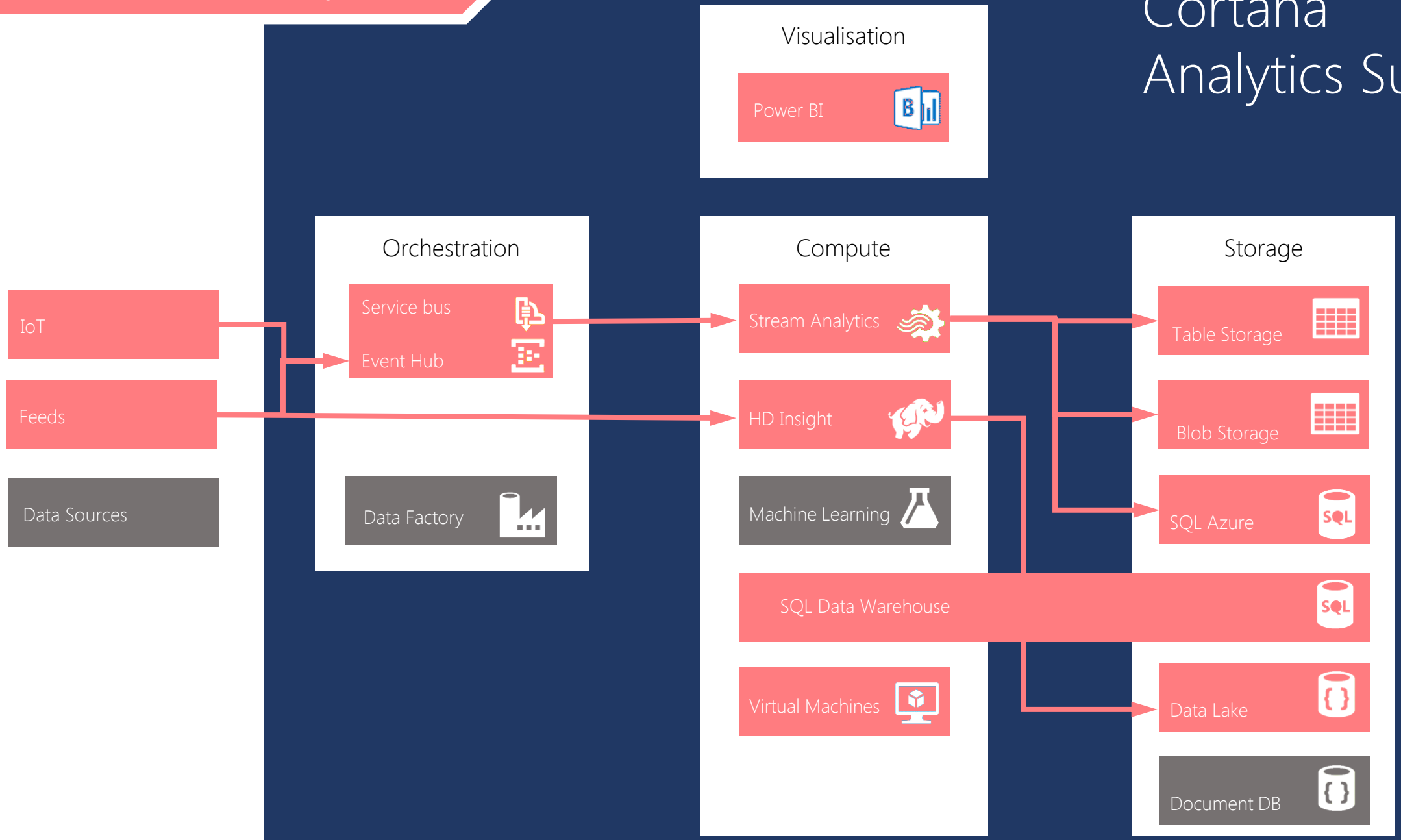
Predictive Analytics

Cortana Analytics Suite



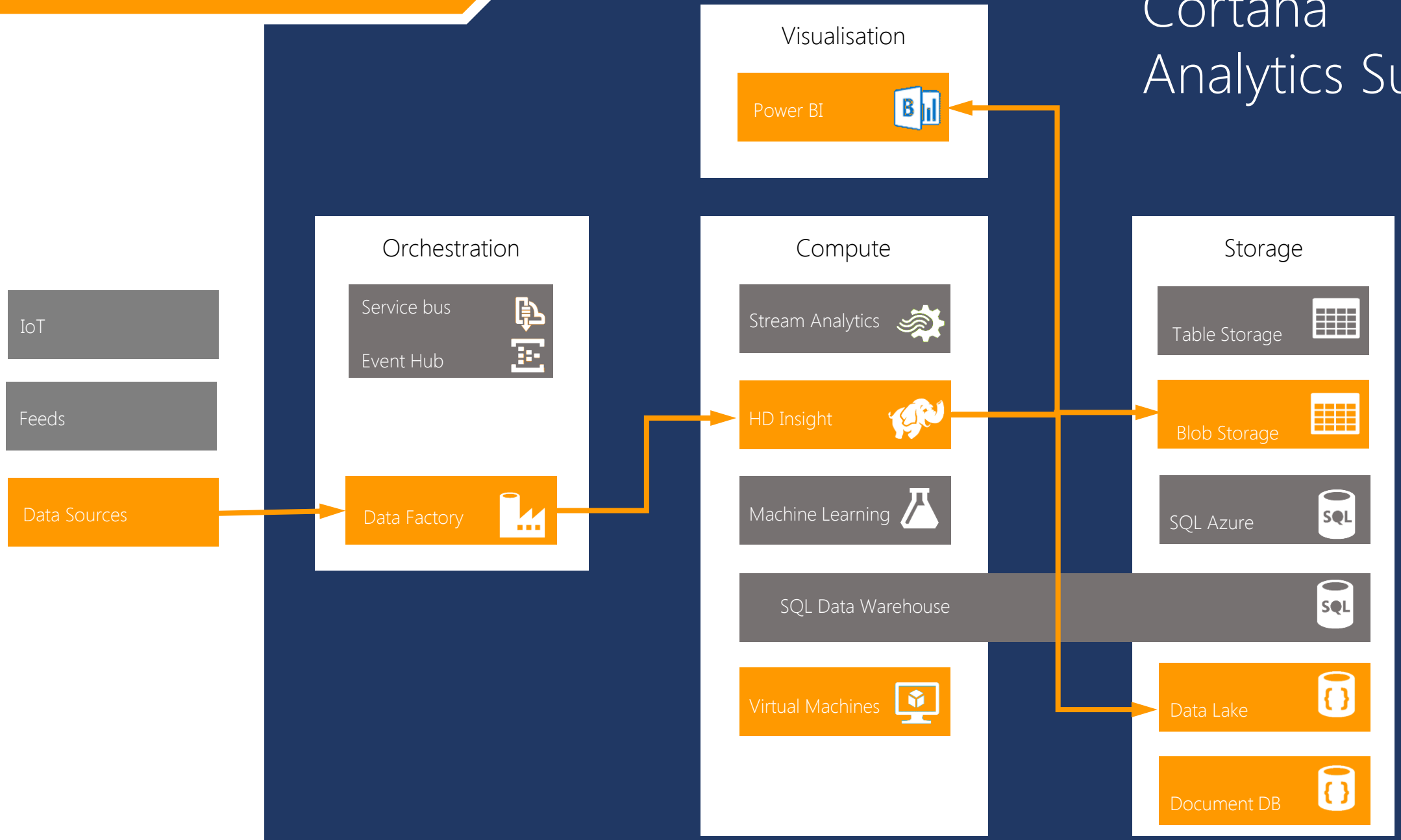
Near real time analysis

Cortana Analytics Suite



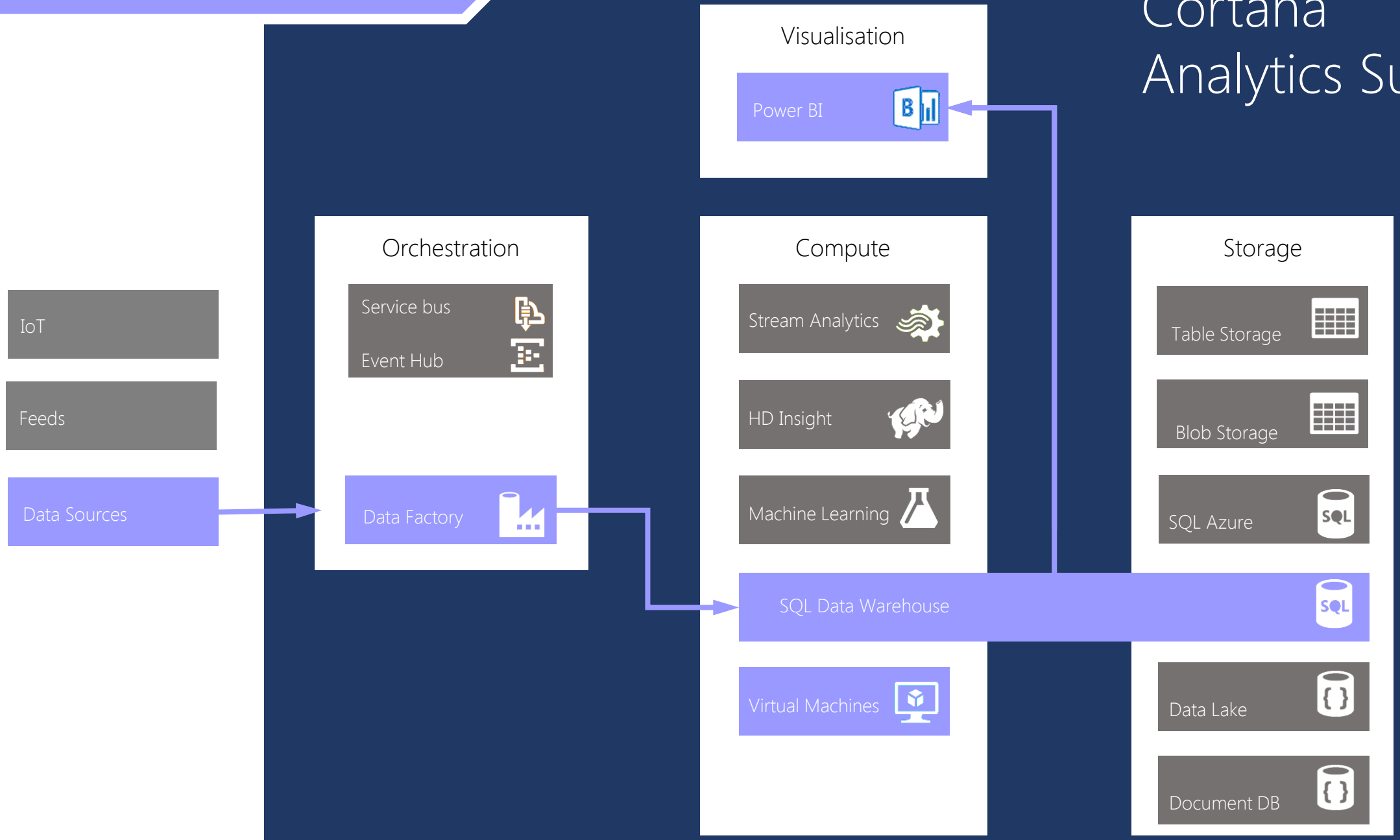
Big Data

Cortana Analytics Suite

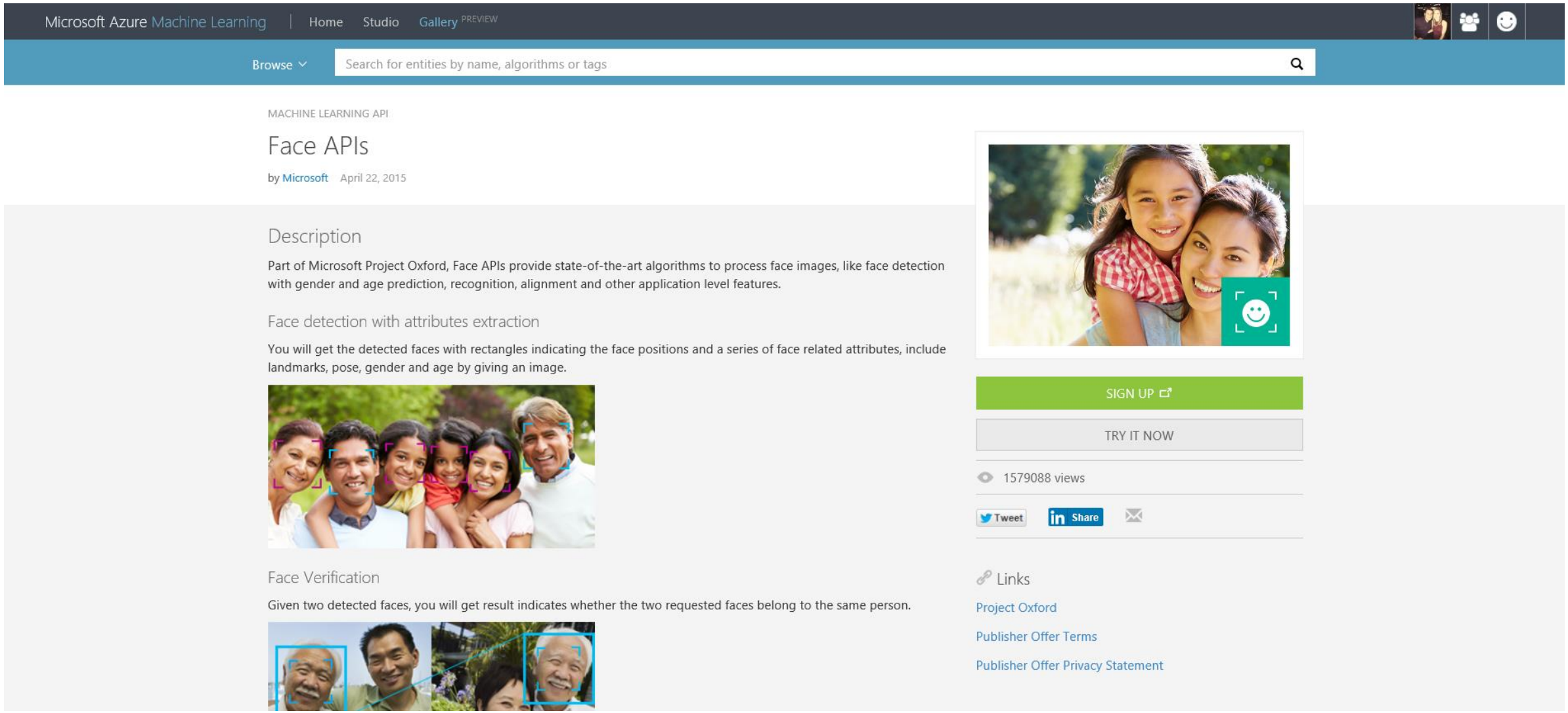


"Traditional" BI

Cortana Analytics Suite



Machine Learning APIs



Thanks for your time

Andrew Fryer

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Useful Links:

http://azure.microsoft.com/ - sign up for your trial

https://studio.azureml.net/ - log into the studio

https://gallery.azureml.net/ - check out the gallery

http://1drv.ms/1CjzW2f - download the lab guide