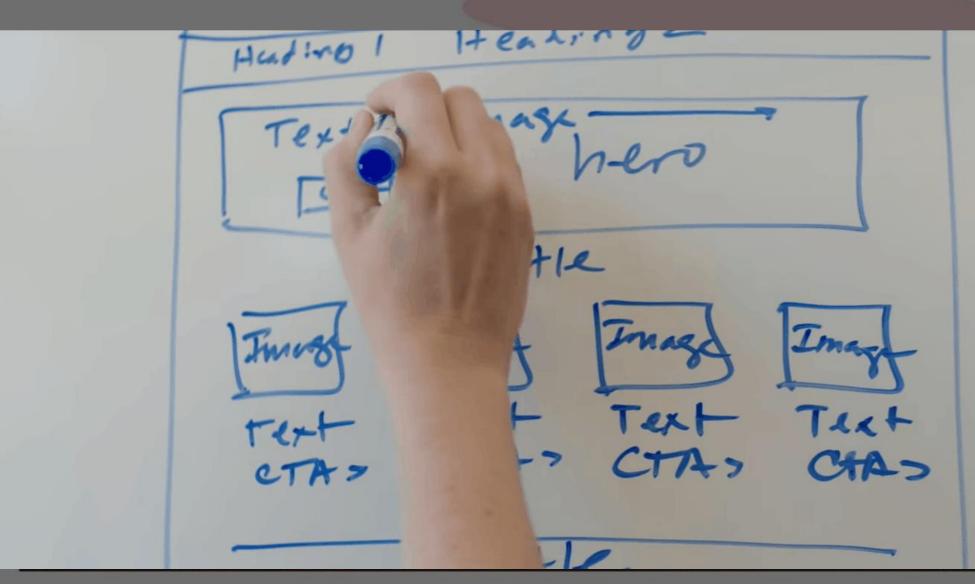


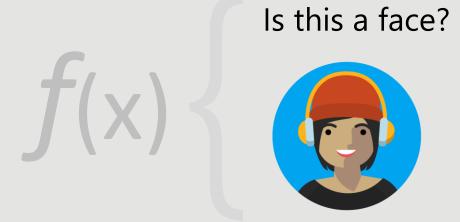
https://www.scmp.com/news/china/society/article/2097044/microsofts-ai-bot-has-published-book-poems-china-it-worth-reading

https://visualstudio.microsoft.com/services/intellicode/





Machine Learning "Programming the UnProgrammable"





Price of Shirt?

"It has exquisite buttons ...
with long sleeves ...works for
casual as well as business
settings"

Machine Learning "Programming the UnProgrammable"

Machine Learning creates a



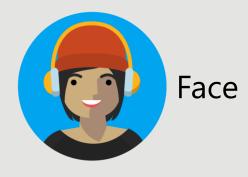
Using this data

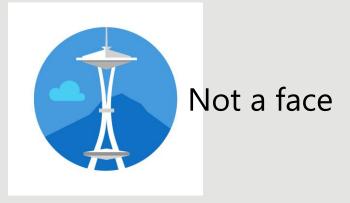


Face



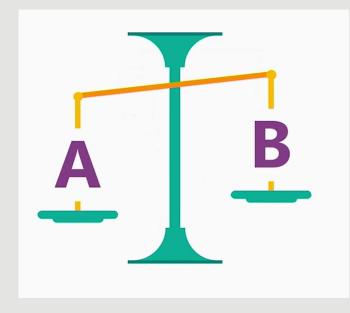
Not a face



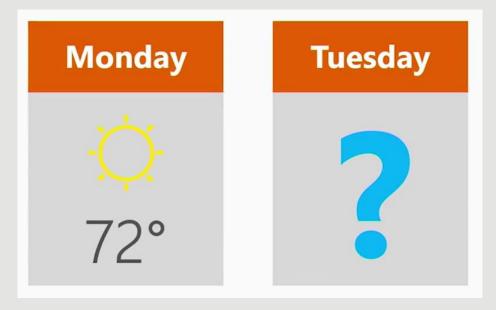


Many ML Tasks...

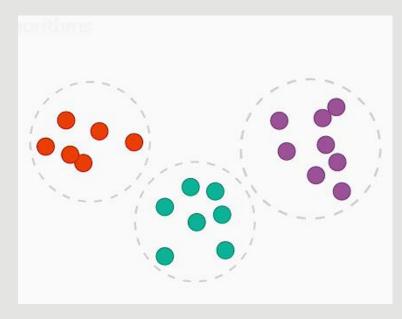
Is this A or B?



How much? How many?



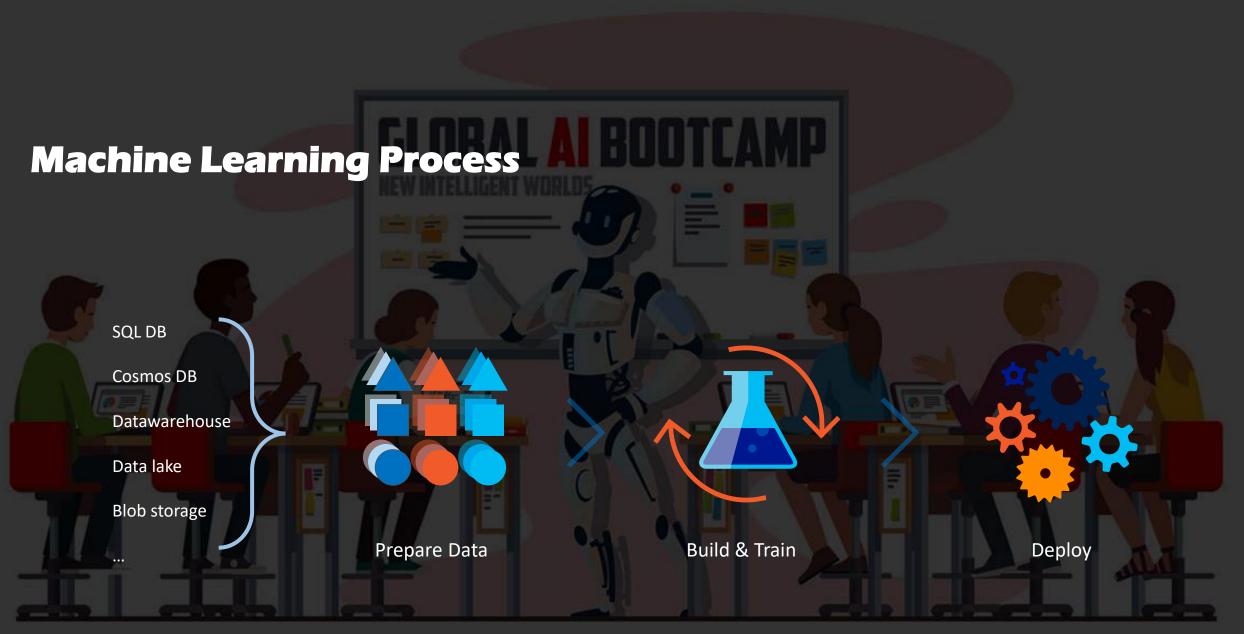
How is this organized?



Classification

Regression

Clustering





Al On Azure



Tools

VS Code Tools for Al
Azure Machine Learning
Machine Learning Packages
Al Toolkit for IoT Edge

Frameworks

Tensorflow

Onnx

ML.Net

Others

Infrastructure

DataBricks

Azure Kubernetes

Azure Batch Al

Data Science VM

IoT Edge



Azure Cognitive Services

Powerful prebuilt AI models exposed as API services
Process images, video, speech, language and more
Simple REST APIs with .NET, Java, Python, Node SDKs
Deploy to the edge or on premises with container support



Vision



Speech



Language



Conversation



Bing Search



Knowledge

Azure Machine Learning Service

ONNX Runtime is now open source

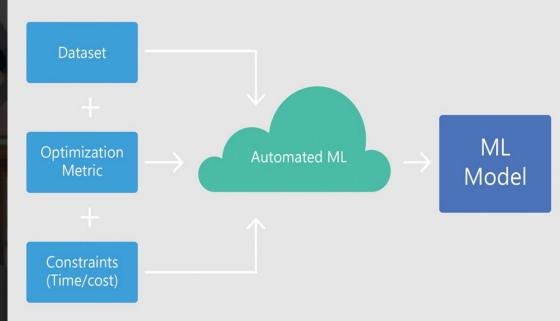
https://azure.microsoft.com/en-us/blog/onnx-runtime-is-now-open-source/

Azure Machine learning Services goes GA

https://azure.microsoft.com/en-us/blog/azure-machine-learning-service-a-look-under-the-hood/

Azure Machine Learning – Auto ML

https://azure.microsoft.com/en-au/blog/announcing-automated-ml-capability-in-azure-machine-learning/



Azure Cognitive Services Album LAM

Azure Cognitive Services on the Edge

https://azure.microsoft.com/en-us/blog/bringing-ai-to-the-edge/

Custom Translation capability of Text Translator

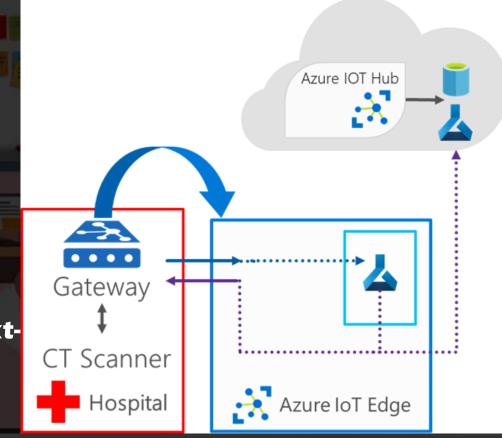
https://azure.microsoft.com/en-au/updates/custom-translation-capability-of-text-translator-is-now-available/

Public Preview – Container Support for Language Understanding Cognitive Service

https://azure.microsoft.com/en-au/updates/container-support-for-language-understanding-is-in-preview/

Public Preview - Microsoft previews neural network textto-speech

https://azure.microsoft.com/en-us/blog/microsoft-previews-neural-network-text-to-speech/



#GlobalAlBootcamp

Storage & Databases Man Al Di

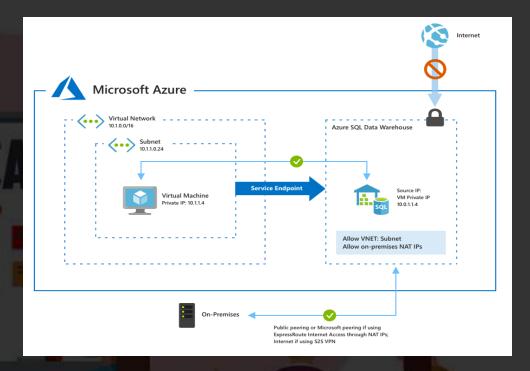
GA of VNet support for Azure SQL DW

https://azure.microsoft.com/en-us/blog/general-availability-of-vnet-service-endpoints-for-azure-sql-data-warehouse/

GA of Row-Level Security support for Azure SQL DW

https://azure.microsoft.com/en-us/blog/row-level-security-is-now-supported-for-azure-sql-data-

warehouse/





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IoT & Advanced Analytics Azure Stream Analytics on IoT Edge goes GA https://azure.microsoft.com/en-au/updates/azure-stream-analytics-on-iot-edge-generally-available/ New capabilities on Azure Time Series Insight https://azure.microsoft.com/en-au/updates/new-key-capabilities-added-to-time-series-insights/ **Azure IoT Solution Accelerators are updated** https://azure.microsoft.com/en-us/blog/azure-iot-remote-monitoring-extends-operator-capabilities-to-the-edge/

GA of Azure Event Hubs for Apache Kafka

https://azure.microsoft.com/en-us/blog/announcing-the-general-availability-of-azure-event-hubs-for-apache-kafka

Big Data



Better Python Support for Azure Functions

https://azure.microsoft.com/en-us/blog/azure-functions-gets-better-for-python-and-javascript-developers/

Azure Functions now supported as a step in Azure Data Factory pipelines

https://azure.microsoft.com/en-us/blog/azure-functions-now-supported-as-a-step-in-azure-data-factory-pipelines/

Azure HDInsight integration with Data Lake Storage Gen2 preview

https://azure.microsoft.com/en-us/blog/azure-hdinsight-integration-with-data-lake-storage-gen-2-preview-acl-and-security-update/

Azure Data Lake Storage Gen2 preview – More features, and better performance

https://azure.microsoft.com/en-us/blog/azure-data-lake-storage-gen2-preview-more-features-more-performance-better-availability/











Prediction of Blood Donation

Based on history of blood donated, predict if donor will donate or not. Maximum possible efficiency tried to achieve in a small dataset.

Two-Class Decision Forest

5 days ago



Aditya TS





Credit Risk Experiment

Credit risk prediction from customer credit application data

Two-Class Boosted Decision Tree, Two-Class Support Vector Machine

yesterday



haliza husna





Sentiment Analysis for Academic Emotions using Mouse Moveme...

This experiment attempts to predict academic emotions of children based on their mouse movement.

Linear Regression, Two-Class Support Vector Machine

2 days ago

Richmond Manga



Z EXPERIMENT

Rain Prediction

Predicting through Classification Algos whether it has rained or not in a given hourly slot.

Two-Class Boosted Decision Tree, Two-Class Decision Forest

◎ 0 ↓ 0

2 days ago



Marco Mambelli

