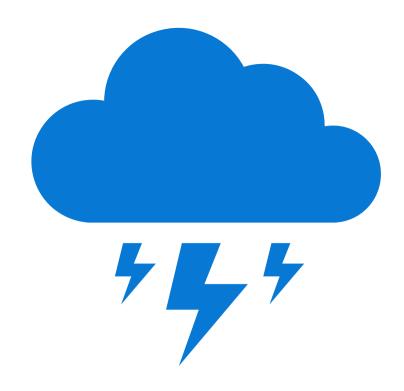


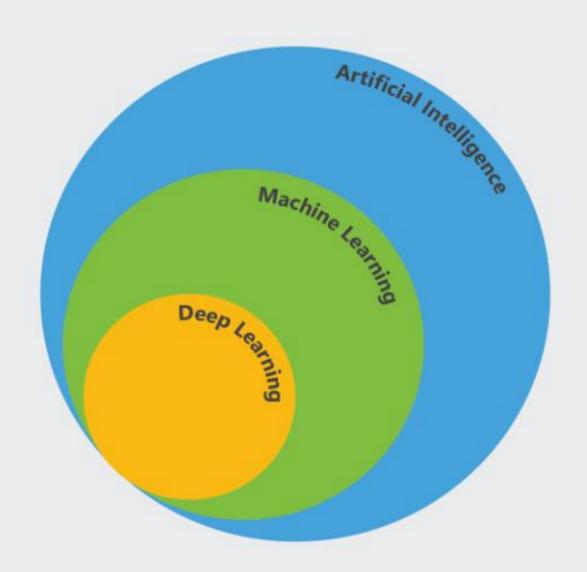
Global Al Bootcamp Is that red wine good or bad?



How to use Azure Machine Learning Visual Interface to build ML models with no code to predict red wine quality.

Eng Teong Cheah MVP for Al @walkercet

What is machine learning?



Artificial Intelligence

Techniques which allow computers to mimic human intelligence, including use of logic, decision trees, and machine learning (including deep learning).

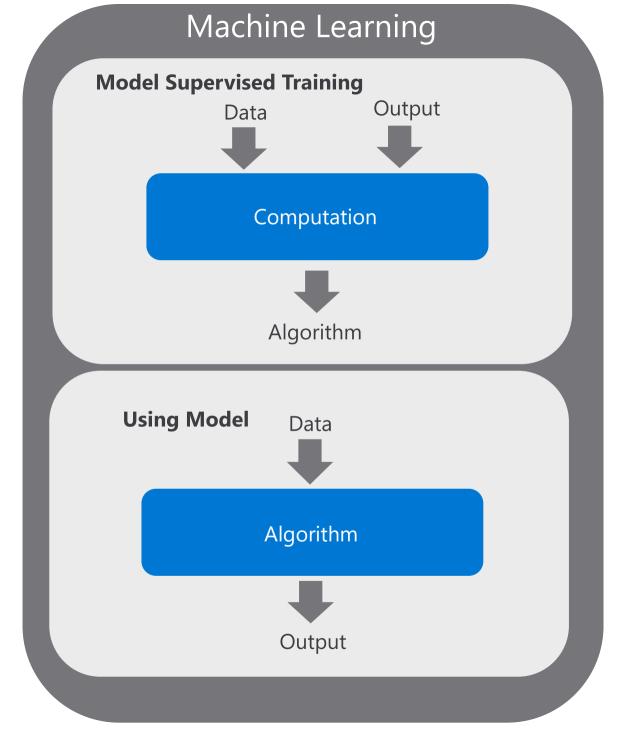
Machine Learning

A subset of artificial intelligence where statistical methods are used to help a system improve at tasks with training and experience. This category includes deep learning.

Deep Learning

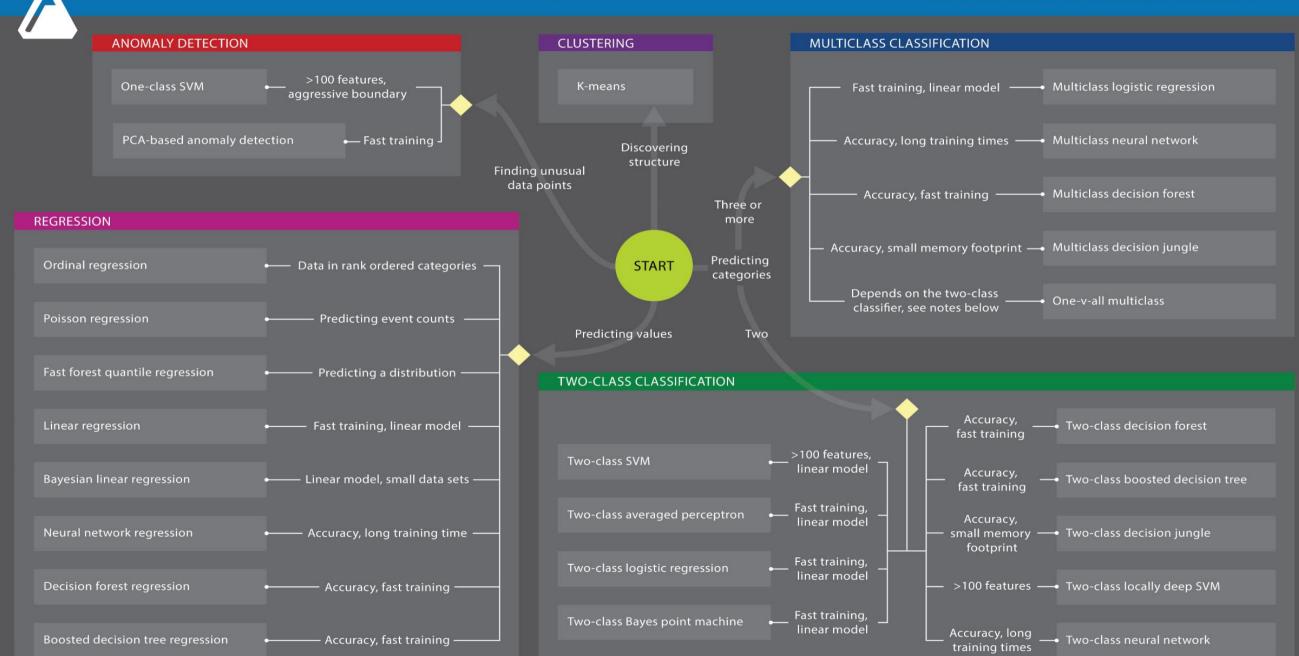
A subset of machine learning where a system can train itself to perform tasks, including language and image analysis, by using multi-layered neural networks.

Traditional Programming Data Algorithm Computation Output



Microsoft Azure Machine Learning: Algorithm Cheat Sheet

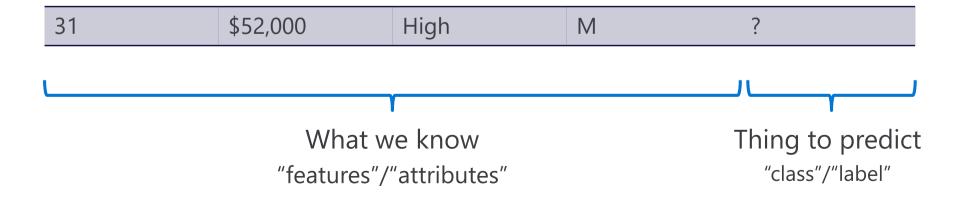
This cheat sheet helps you choose the best Azure Machine Learning algorithm for your predictive analytics solution. Your decision is driven by both the nature of your data and the question you're trying to answer.



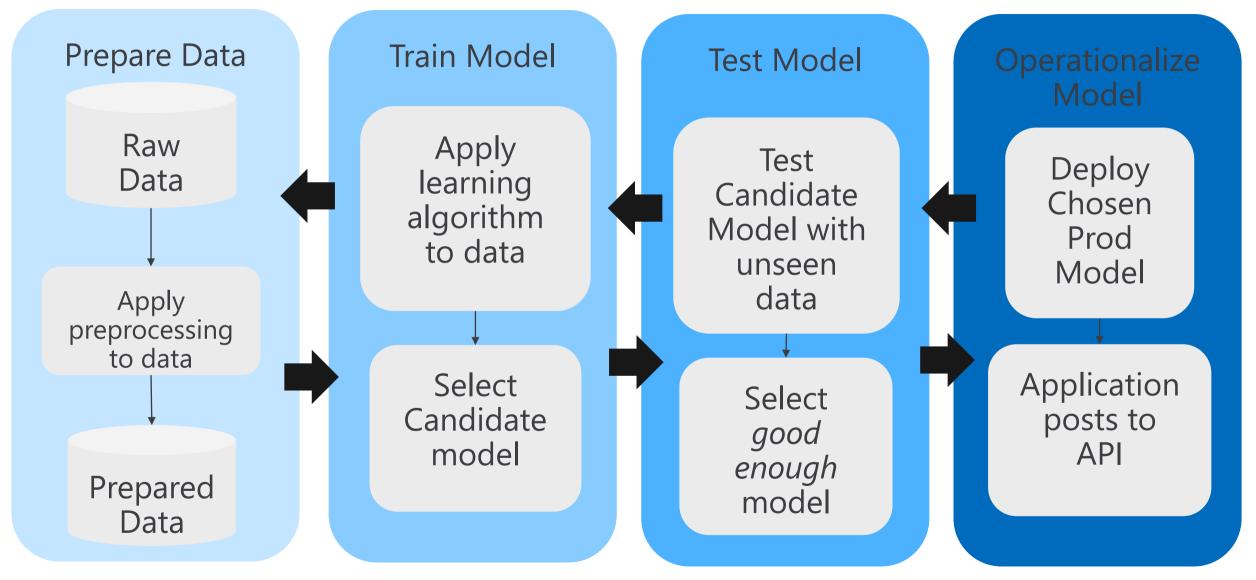
Supervised Multiclassification Example

Age	Income	Education	Gender	Housing
61	\$65,000	Moderate	F	Own
42	\$72,000	High	F	Rent
18	\$25,000	Moderate	М	Other
22	\$36,000	Low	М	Rent

Training data



The Model Building Process



Machine Learning/Al tools

When to use what?

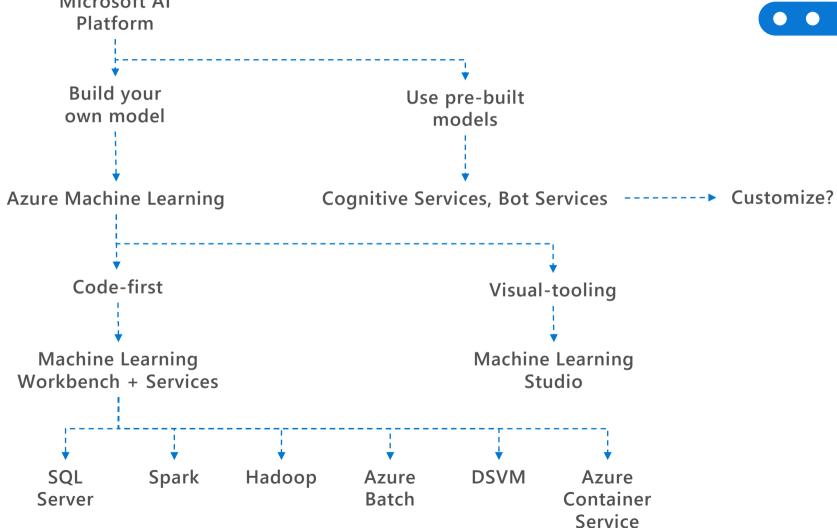
Microsoft Al **Platform**

Build your own or consume pretrained models?

Which experience do you want?

Tools & Services

What engine(s) do you want to use?



Workshop

Azure Machine Learning Visual Interface Is that red wine good or bad?