

O Processo de Machine Learning

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Informações da disciplina

Metodologia para descoberta de conhecimento em banco de dados. Exploração do espaço problema e espaço solução. Técnicas de aprendizado supervisionado e não-supervisionado. Regras de associação, agrupamento (clustering) e classificação. Rede neural, Agrupamento com K-Means. Classificador Naïve Bayes. Árvore de decisão. Outros algoritmos.



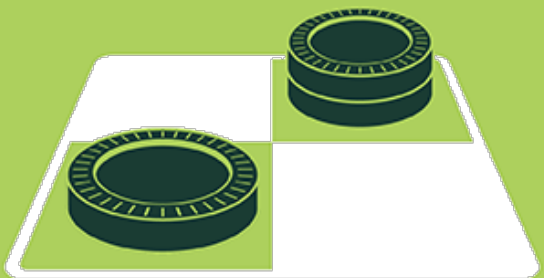
“Machine Learning is the study of computer algorithms that improve automatically through experience”

Machine Learning, Tom Mitchell, McGraw Hill, 1997



ARTIFICIAL INTELLIGENCE

Early artificial intelligence stirs excitement.



MACHINE LEARNING

Machine learning begins to flourish.



DEEP LEARNING

Deep learning breakthroughs drive AI boom.



1950's

1960's

1970's

1980's

1990's

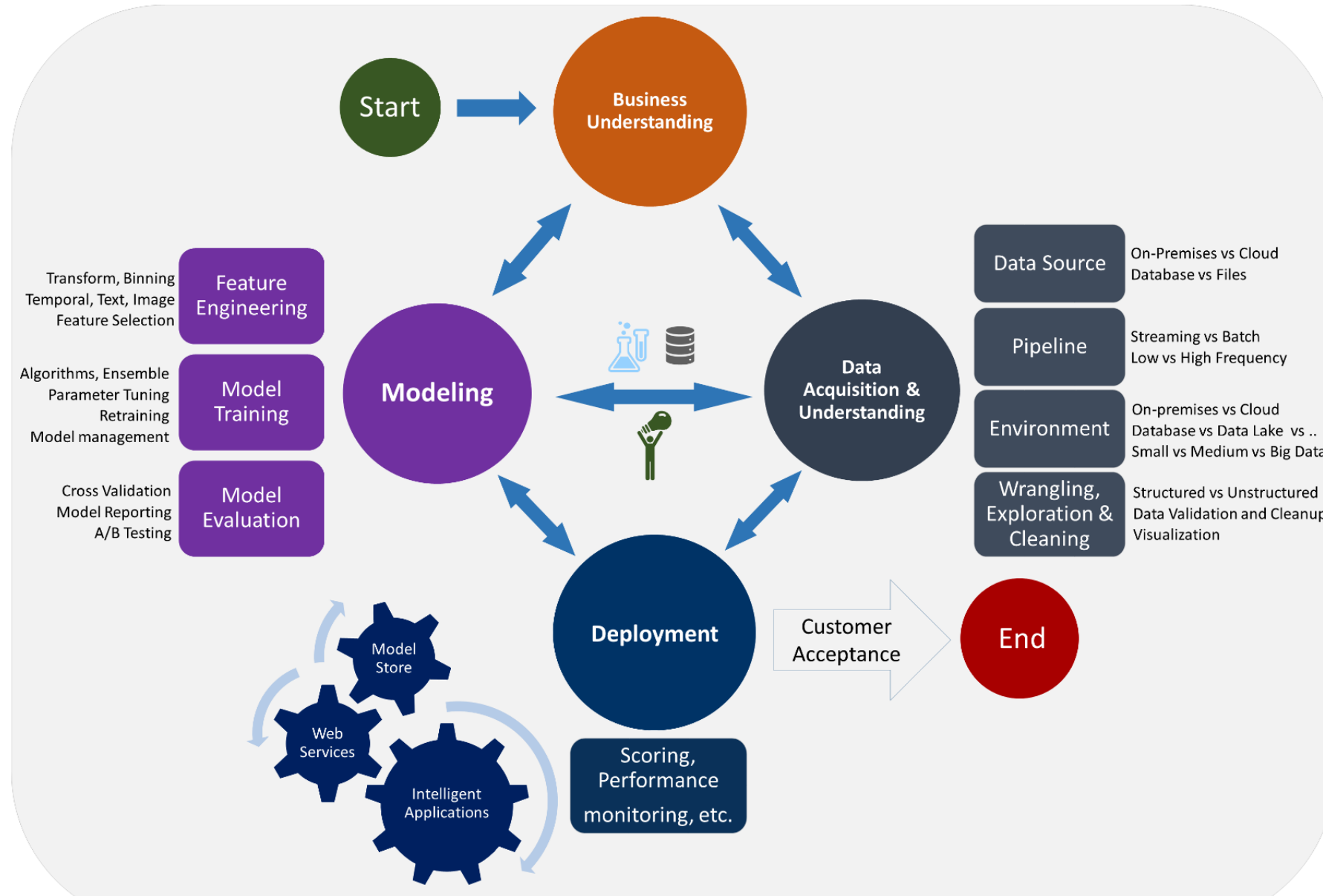
2000's

2010's

Since an early flush of optimism in the 1950s, smaller subsets of artificial intelligence – first machine learning, then deep learning, a subset of machine learning – have created ever larger disruptions.

Fonte: <http://blog.nvidia.com>

Data Science Lifecycle



<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/lifecycle-deployment>

