

The Product Management for Data Science & AI Course

COURSE NOTES

WHEN TO USE MACHINE LEARNING OR DEEP LEARNING

	MACHINE LEARNING	DEEP LEARNING
DATA	Fewer data points needed. 1,000s	Many more data points needed. 10,000s
HARDWARE	Can be trained on a basic computer.	Need specialized hardware - a GPU (Graphical Processing Unit)
TIME	Hours to Days	Days to Weeks
INPUT	Human Feature Extraction	Machine Feature Selection
TESTING	Time to test increases with Data Size	Time to test does not increase with Data Size
INTERPRETABILITY	Interpretable	Black Box Problem