

Machine learning

by Vladislav Pakhomov

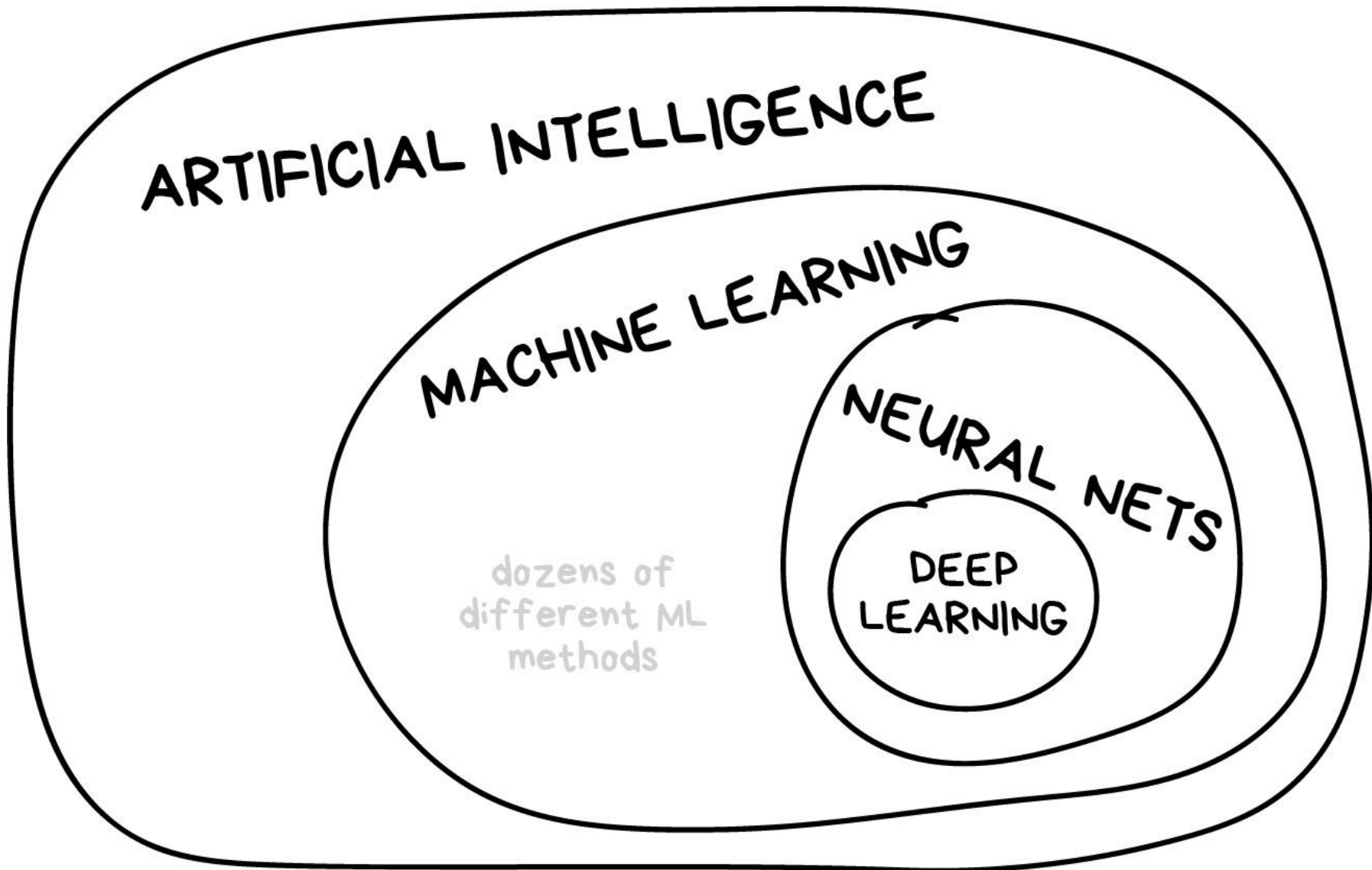
ARTIFICIAL INTELLIGENCE

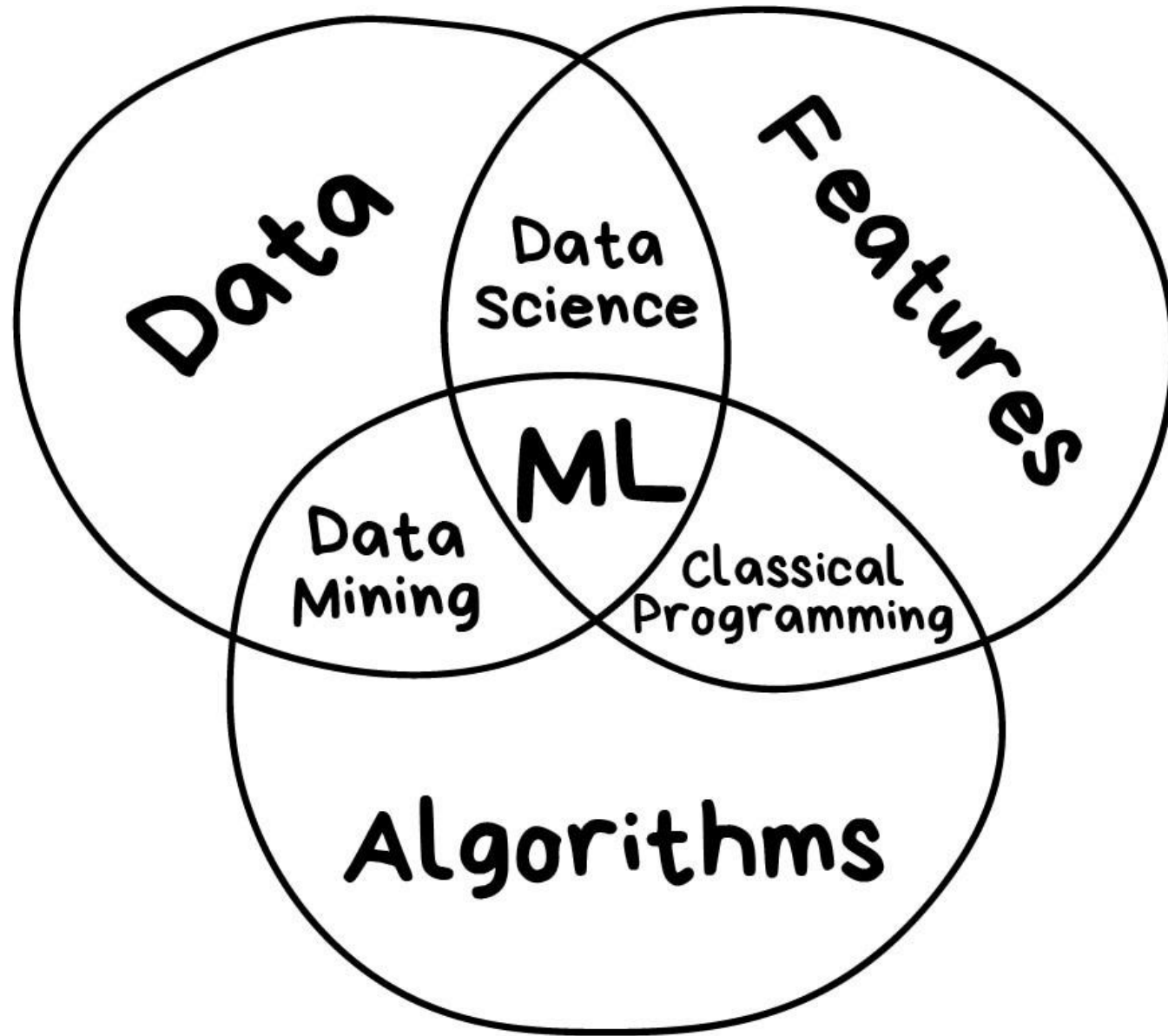
MACHINE LEARNING

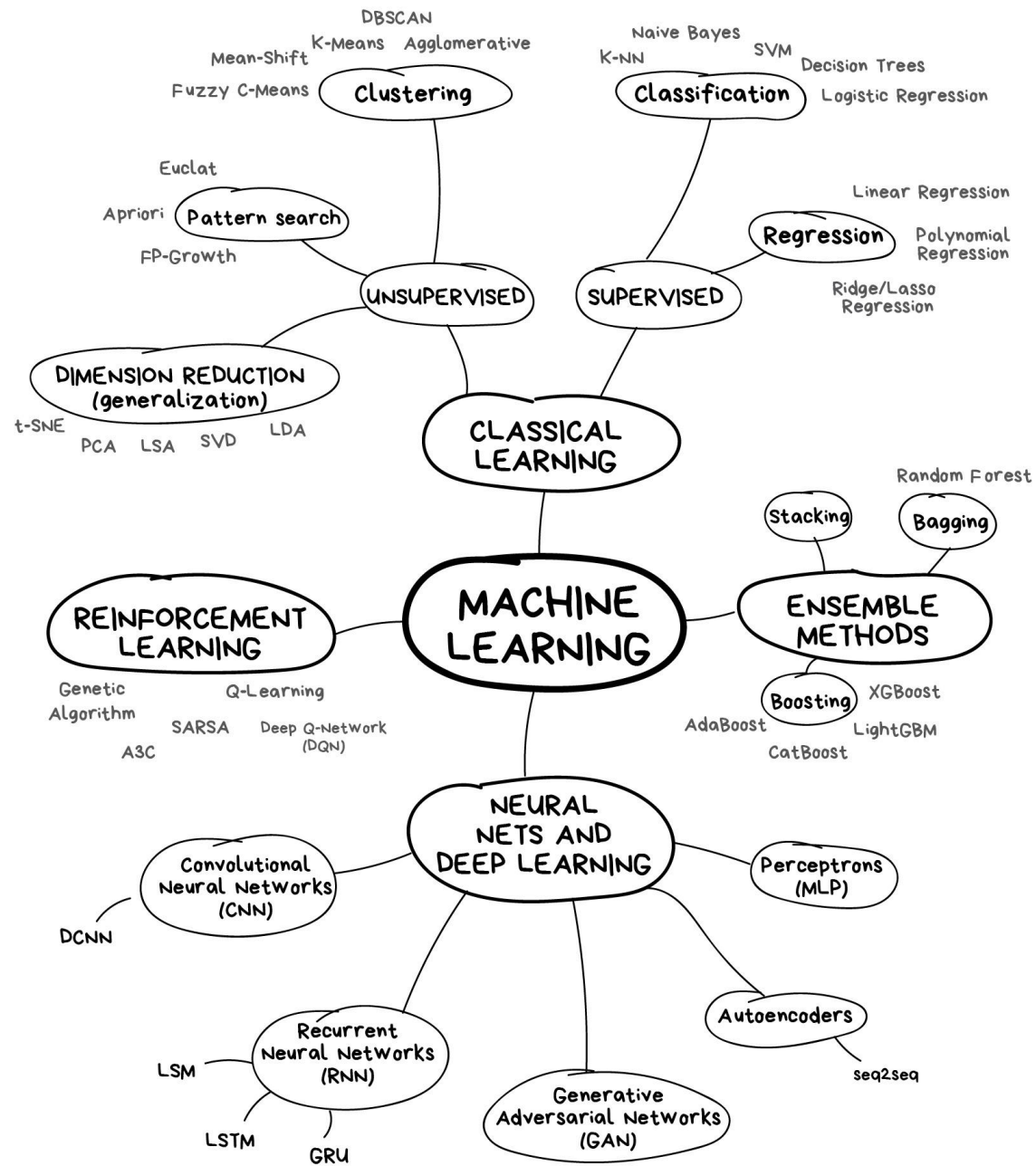
NEURAL NETS

DEEP
LEARNING

dozens of
different ML
methods





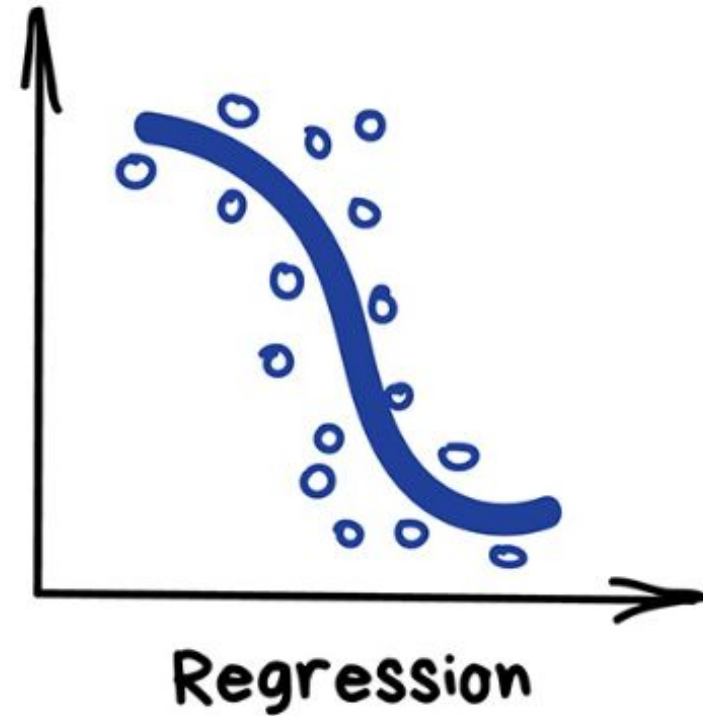


Regression

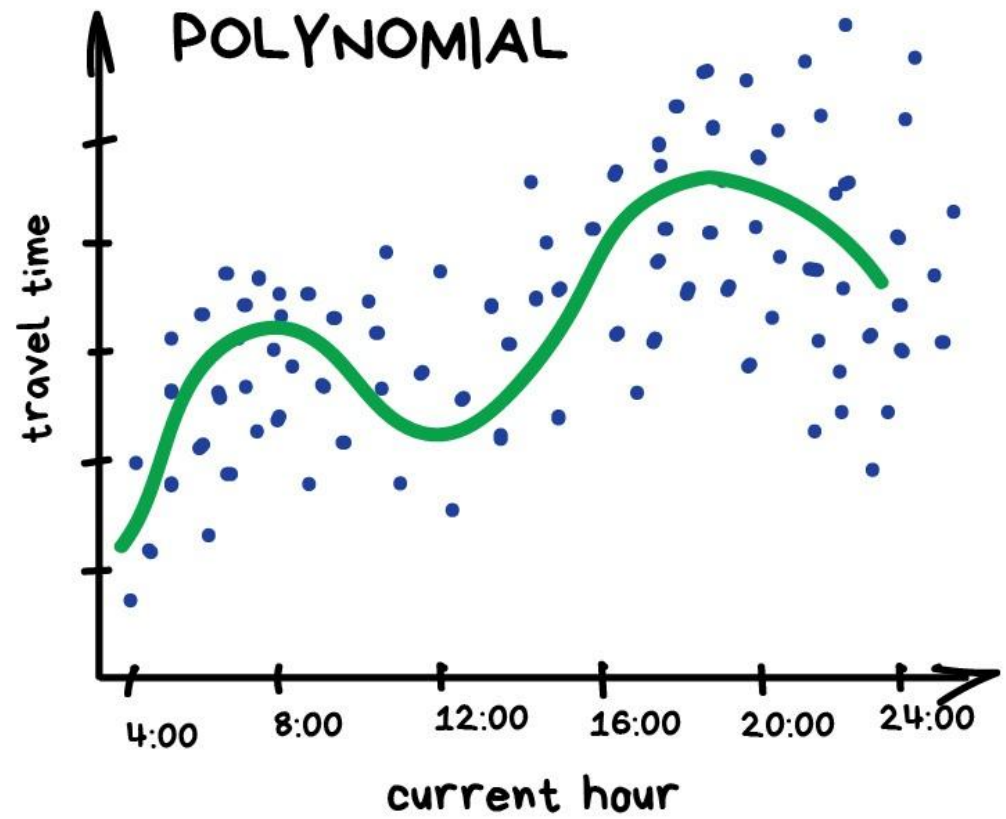
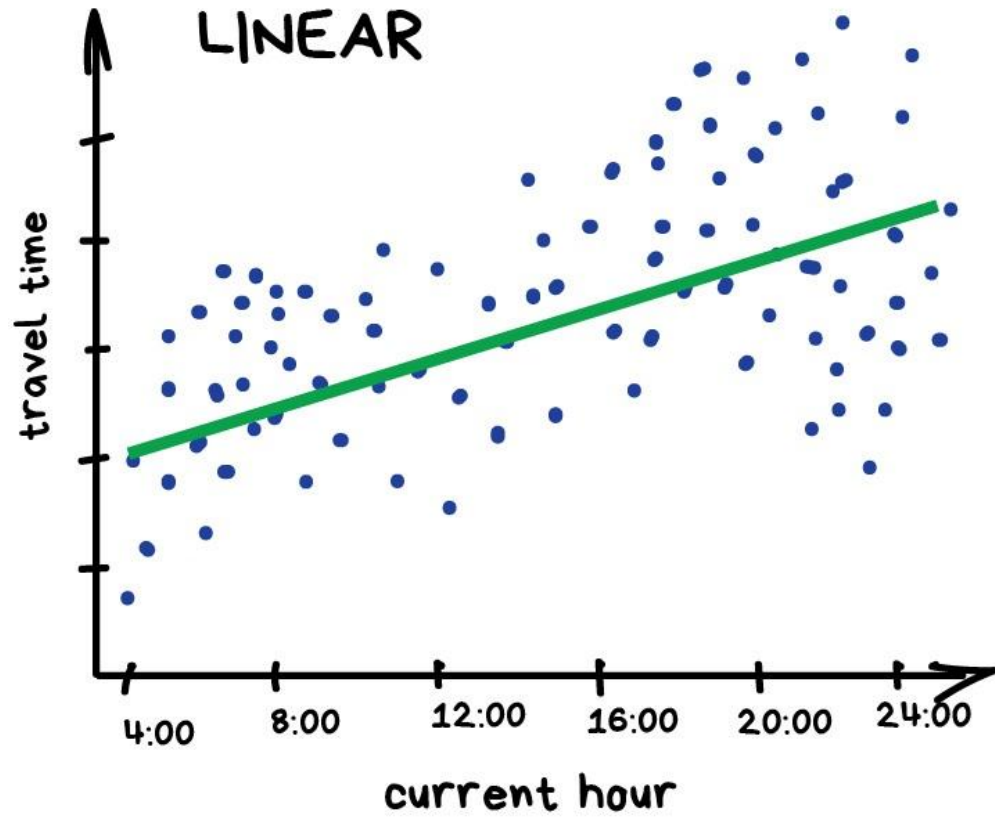
"Draw a line through these dots. Yep, that's the machine learning"

Today this is used for:

- Stock price forecasts
- Demand and sales volume analysis
- Medical diagnosis
- Any number-time correlations



PREDICT TRAFFIC JAMS



REGRESSION

Questions

- Is machine learning part of deep learning?
- What are the components needed for machine learning?
- What type of training is linear regression?