UNIVERSITY OF OXFORD

Saïd Business School

Oxford Artificial Intelligence Programme

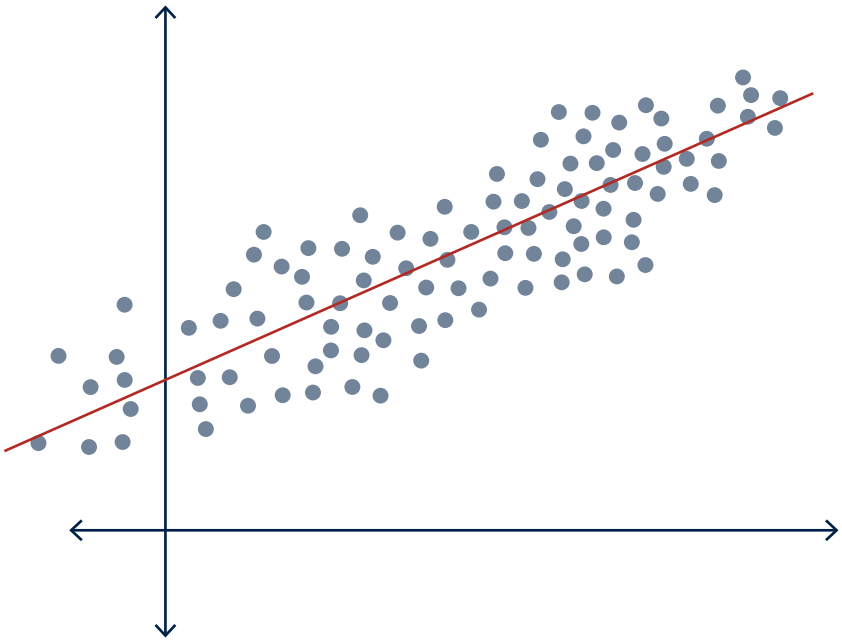
MODULE 6 UNIT 2
Infographic

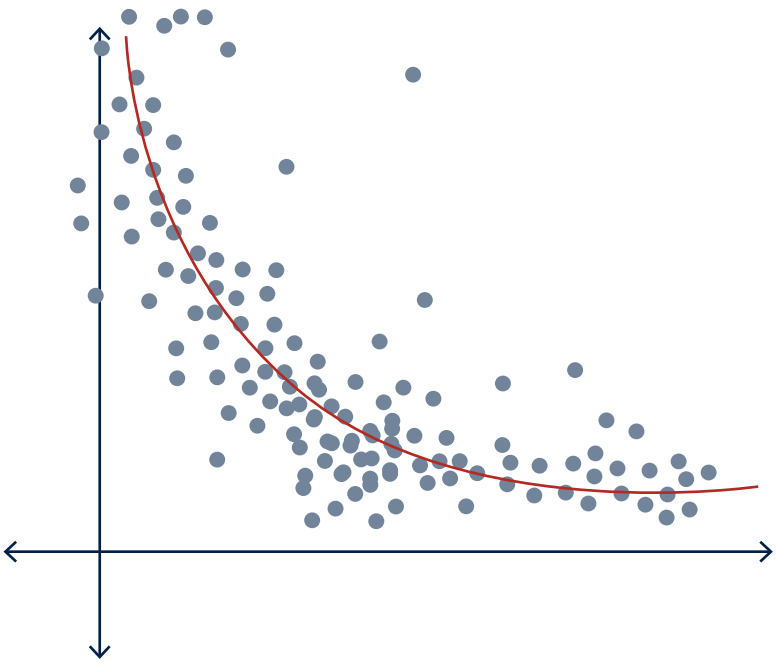
IN COLLABORATION WITH getsmarter


ARTIFICIAL INTELLIGENCE
MACHINE LEARNING
CLASSIFICATION
REGRESSION
SUPERVISED LEARNING
CLUSTERING
UNSUPERVISED LEARNING
DEEP LEARNING
REINFORCEMENT LEARNING
DECISION

REGRESSION

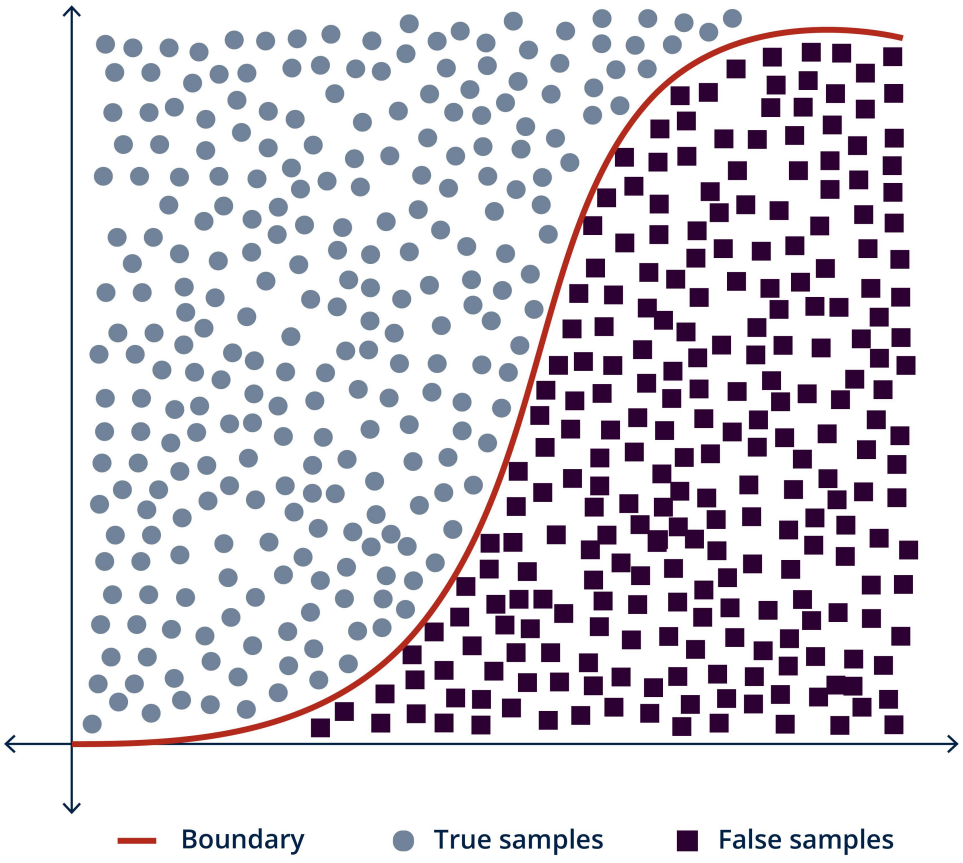
- Linear regression
- Logistic regression
- LASSO and ridge regression





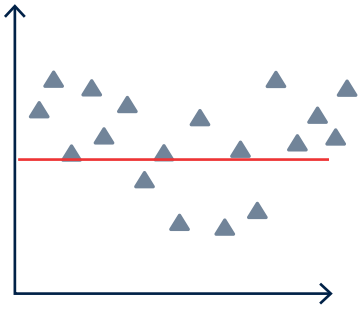
REGRESSION

- Linear regression
- **Logistic regression**
- LASSO and ridge regression

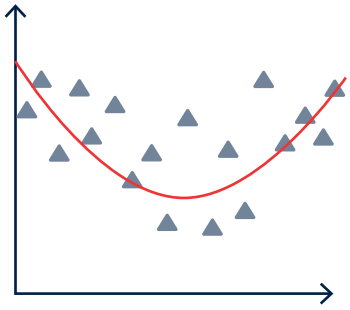


REGRESSION

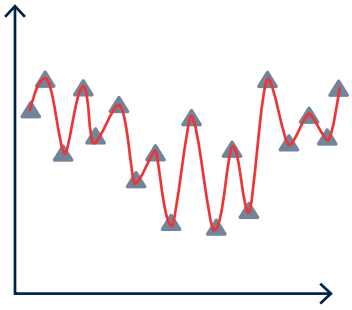
- Linear regression
- Logistic regression
- LASSO and ridge regression



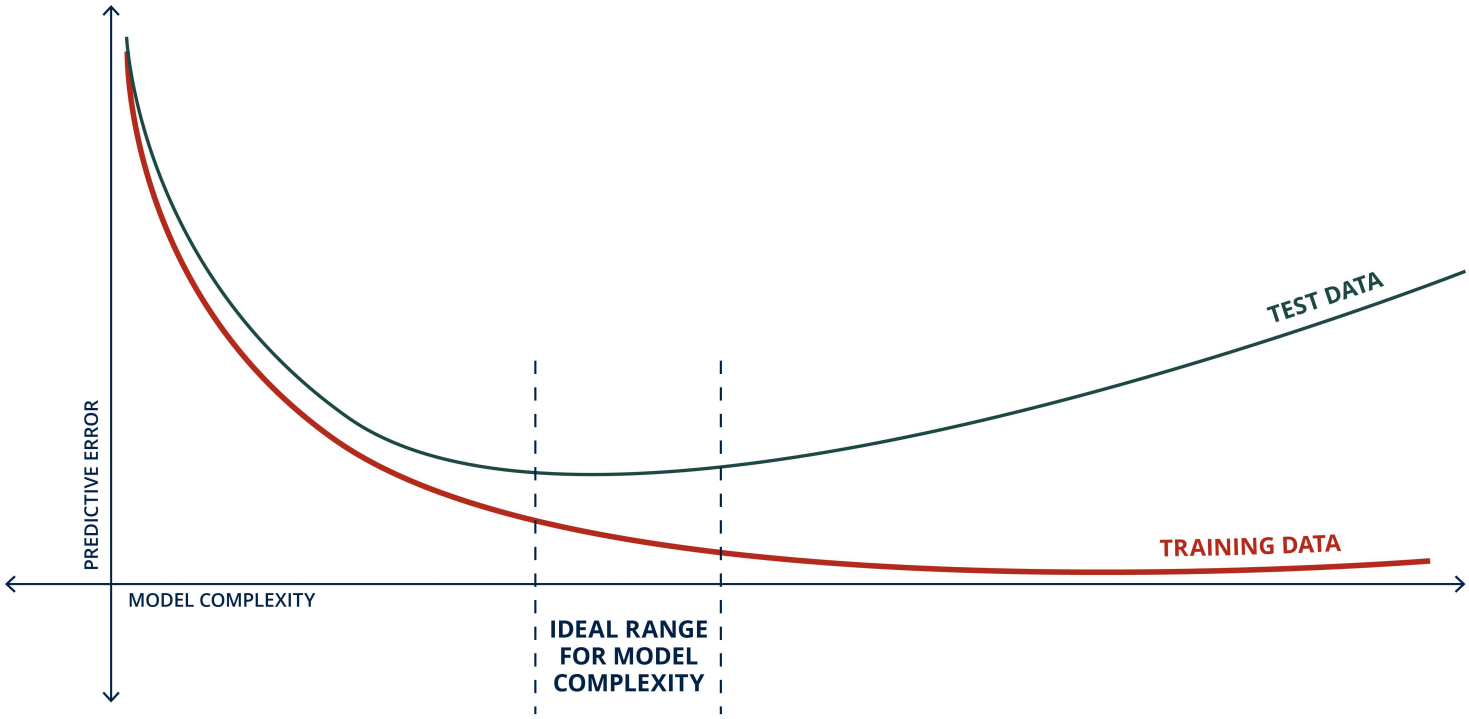
Underfitting



Desired

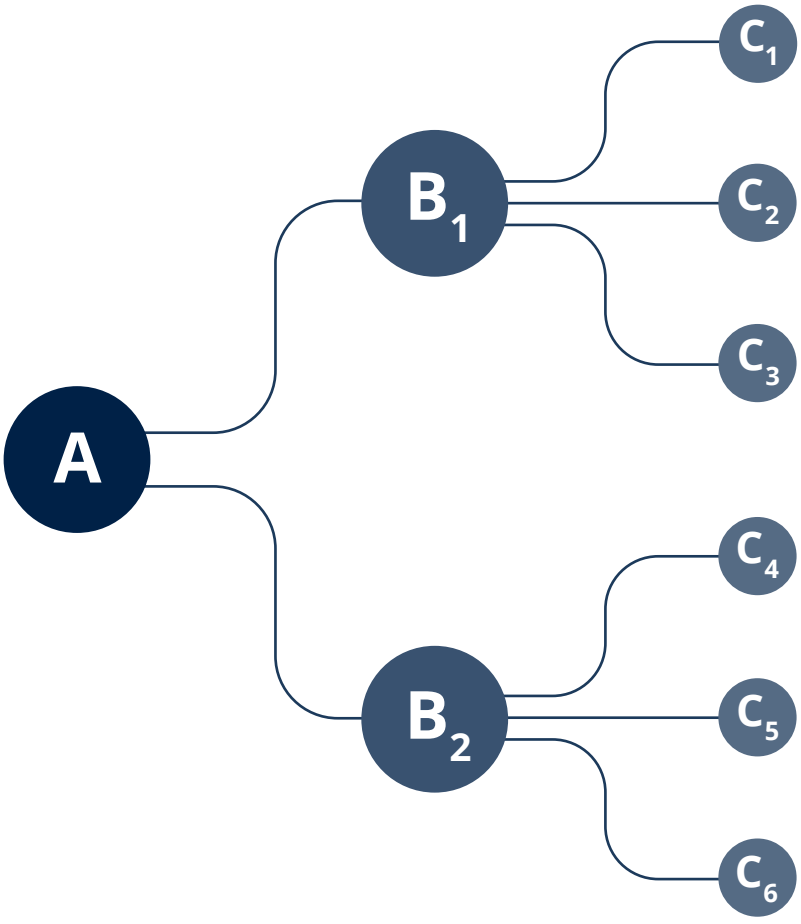


Overfitting



CLASSIFICATION

- Decision trees
- Random decision forests



CLASSIFICATION

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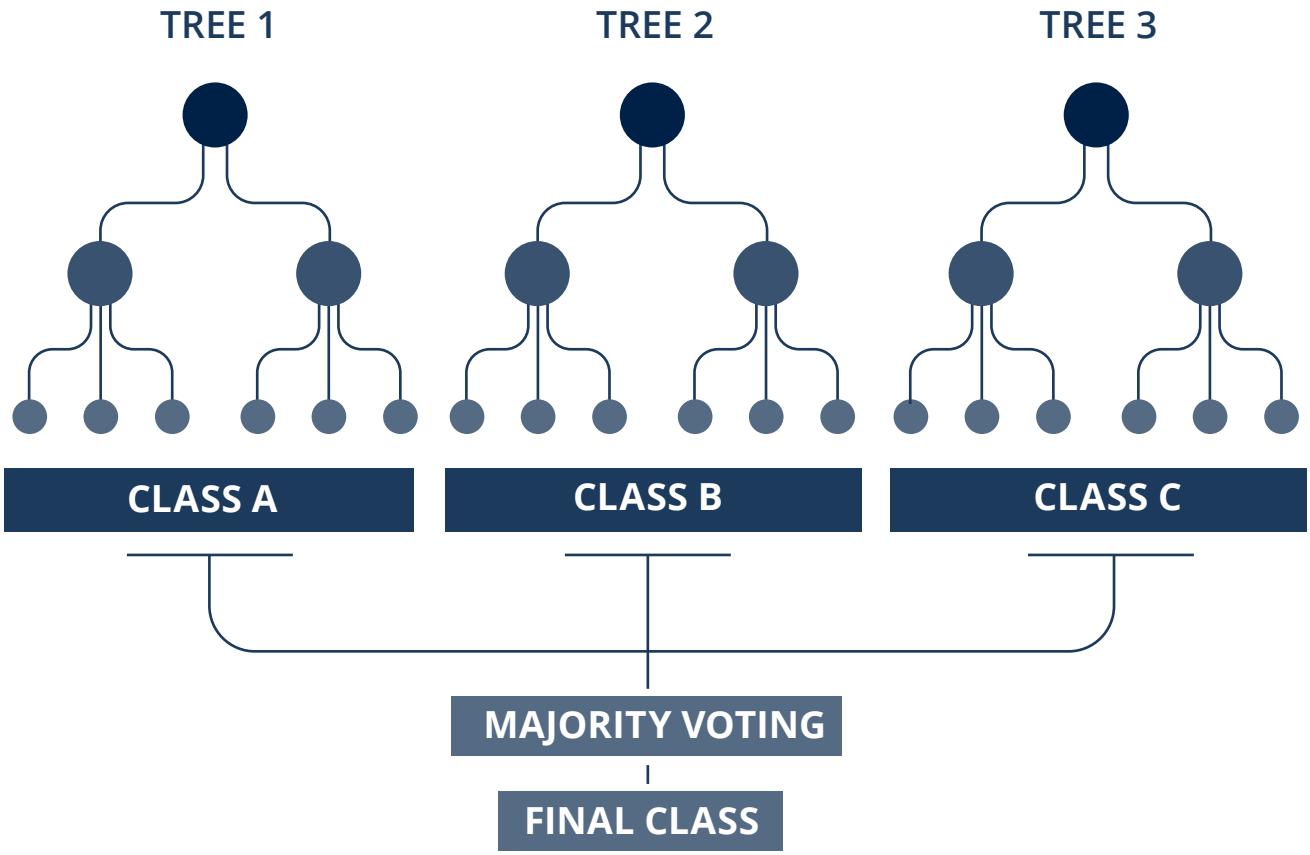
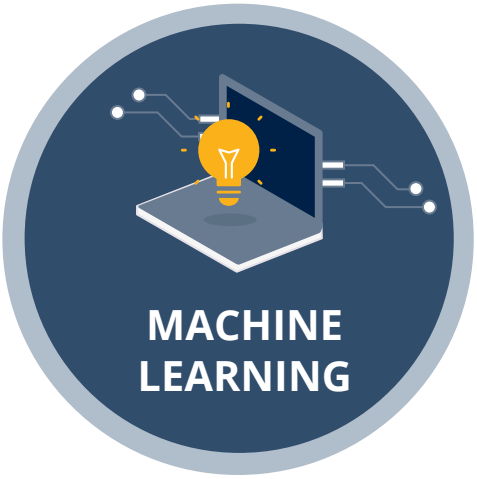
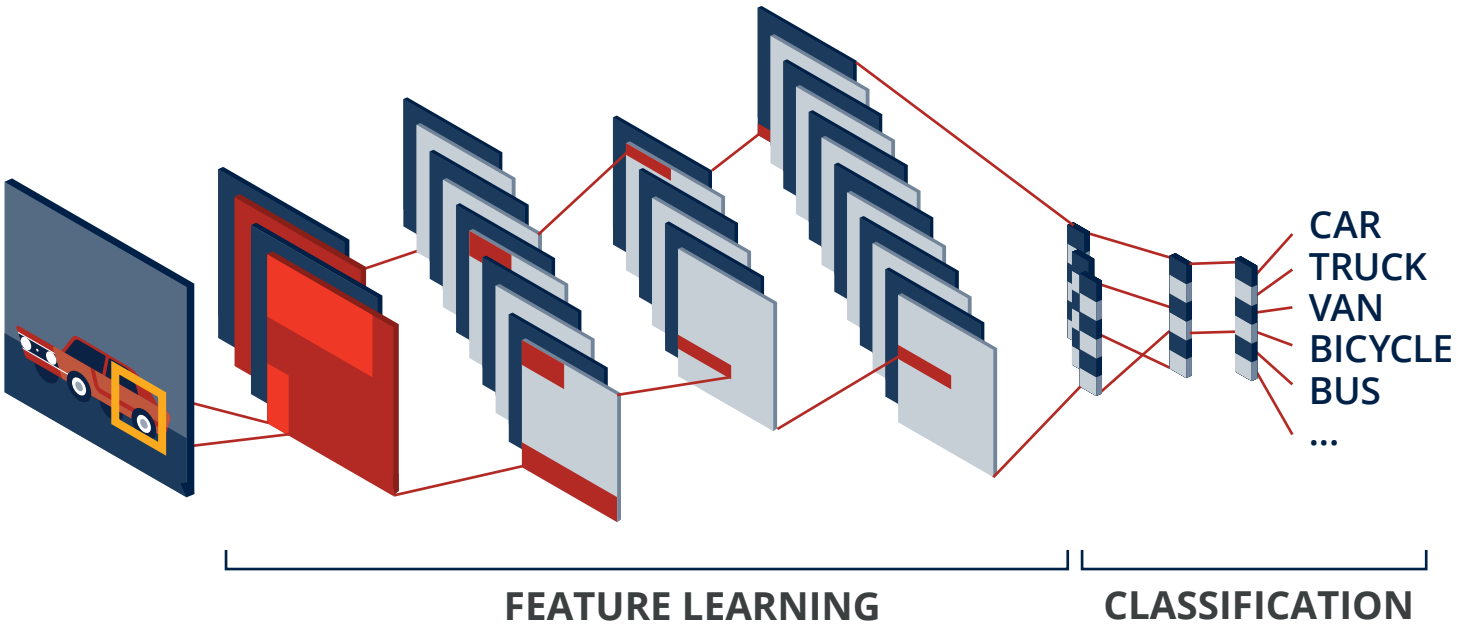
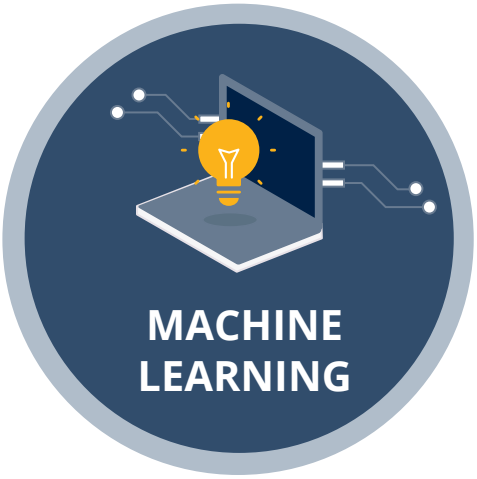
- Random decision forests





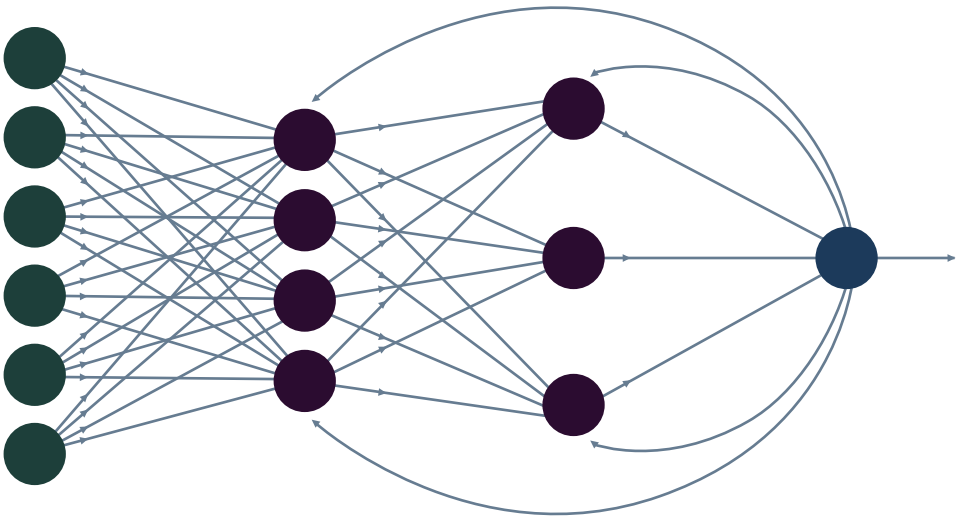
- Convolutional neural networks
- Recurrent neural networks



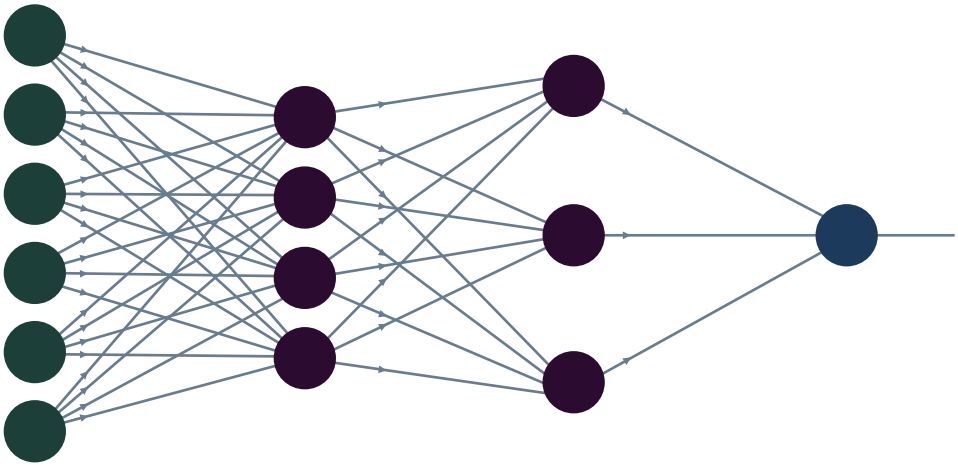


- Convolutional neural networks
- Recurrent neural networks

RECURRENT NEURAL NETWORKS:



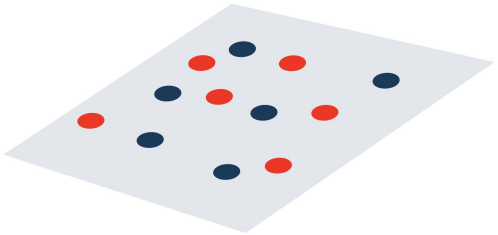
FEED-FORWARD NEURAL NETWORKS:

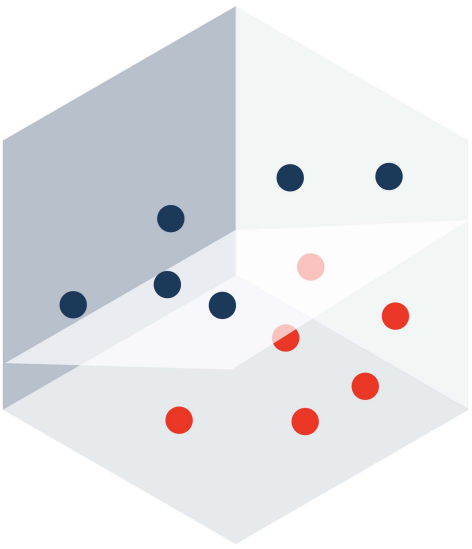


UNSUPERVISED LEARNING

CLUSTERING

- Support vector machine
- K-means





UNSUPERVISED LEARNING

CLUSTERING

- Support vector machine
- K-means