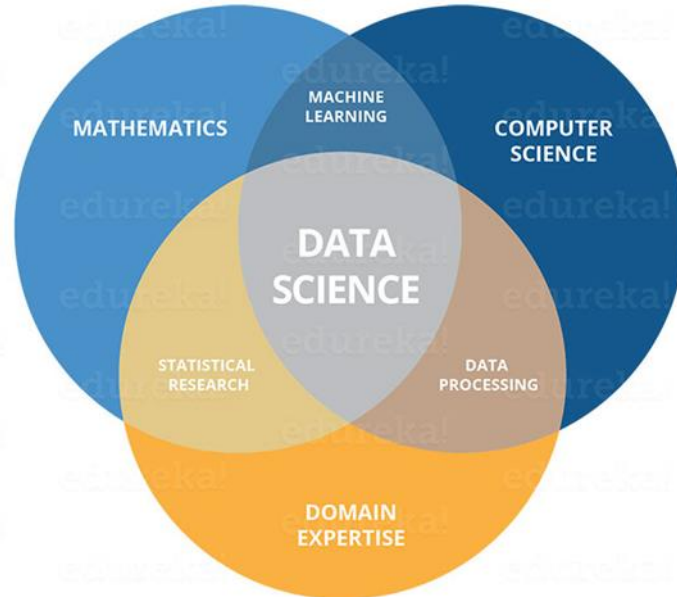


Data Science

Data Science

- Skill of extraction of knowledge from data (correlation)
- Using knowledge to predict the unknown (loan ex.)
- Improve business outcomes with the power of data



Machine Learning

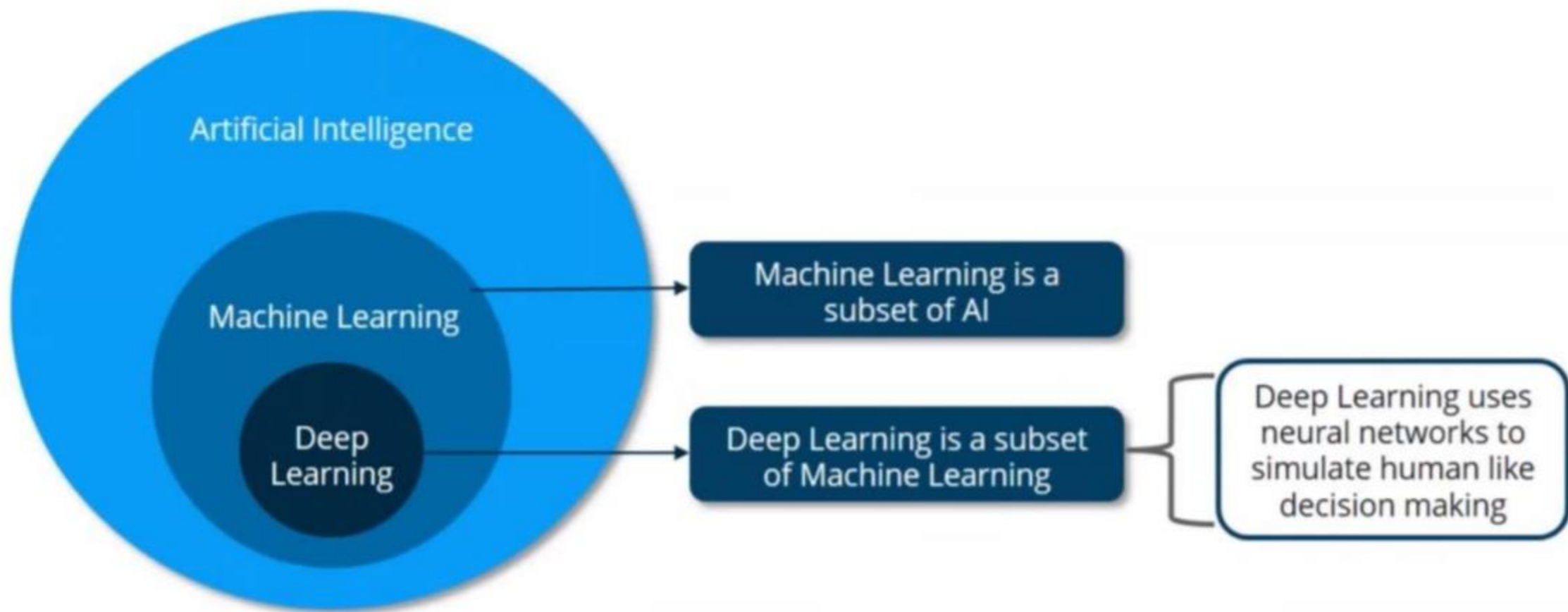
Computers are beginning to learn from data without explicitly programmed



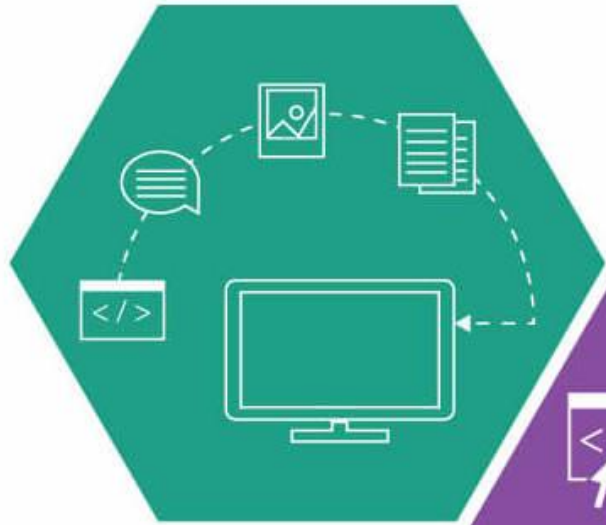
Machine
Learning

Types of Machine Learning

- Supervised Learning (Regression , Classification)
- Unsupervised Learning (Clustering, Association rule)

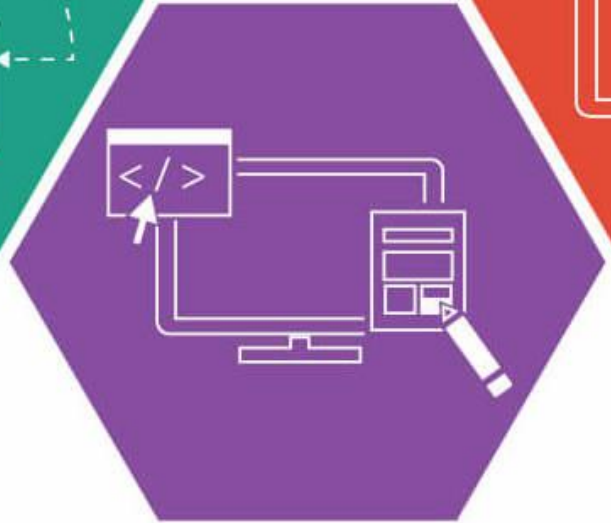


Get Data



1

2



Clean, Prepare
& Manipulate Data

Train Model



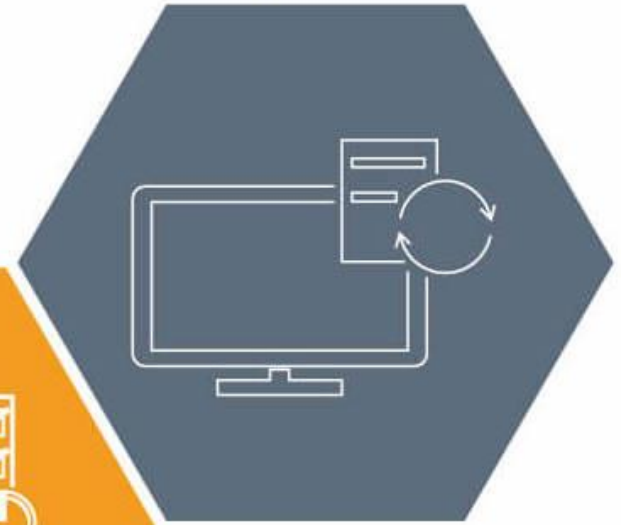
3

4



Test Data

Improve

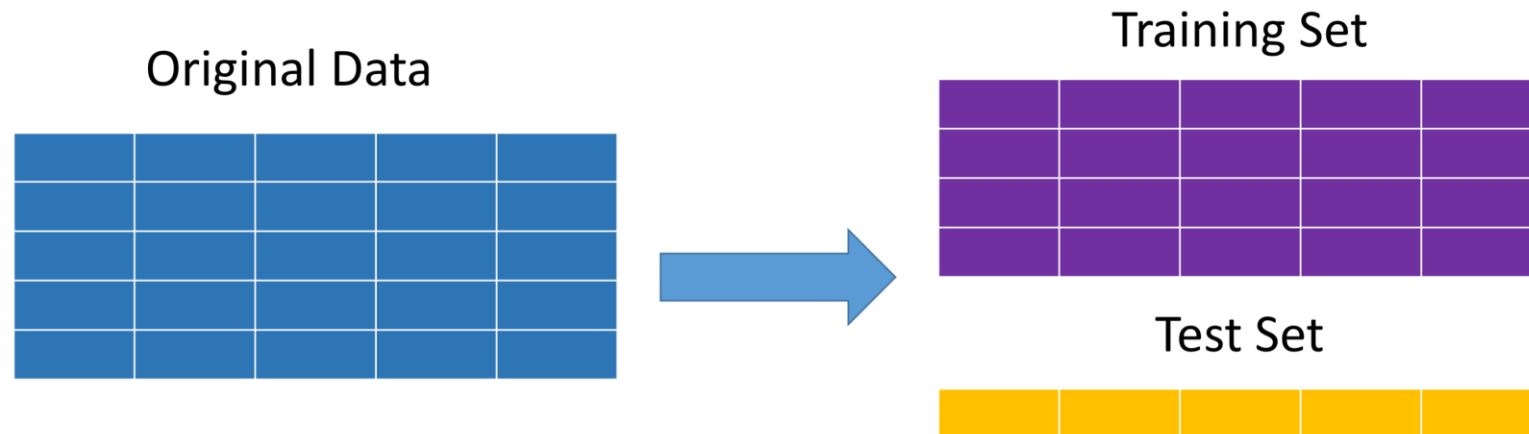


5

Feature extraction and cleaning of data



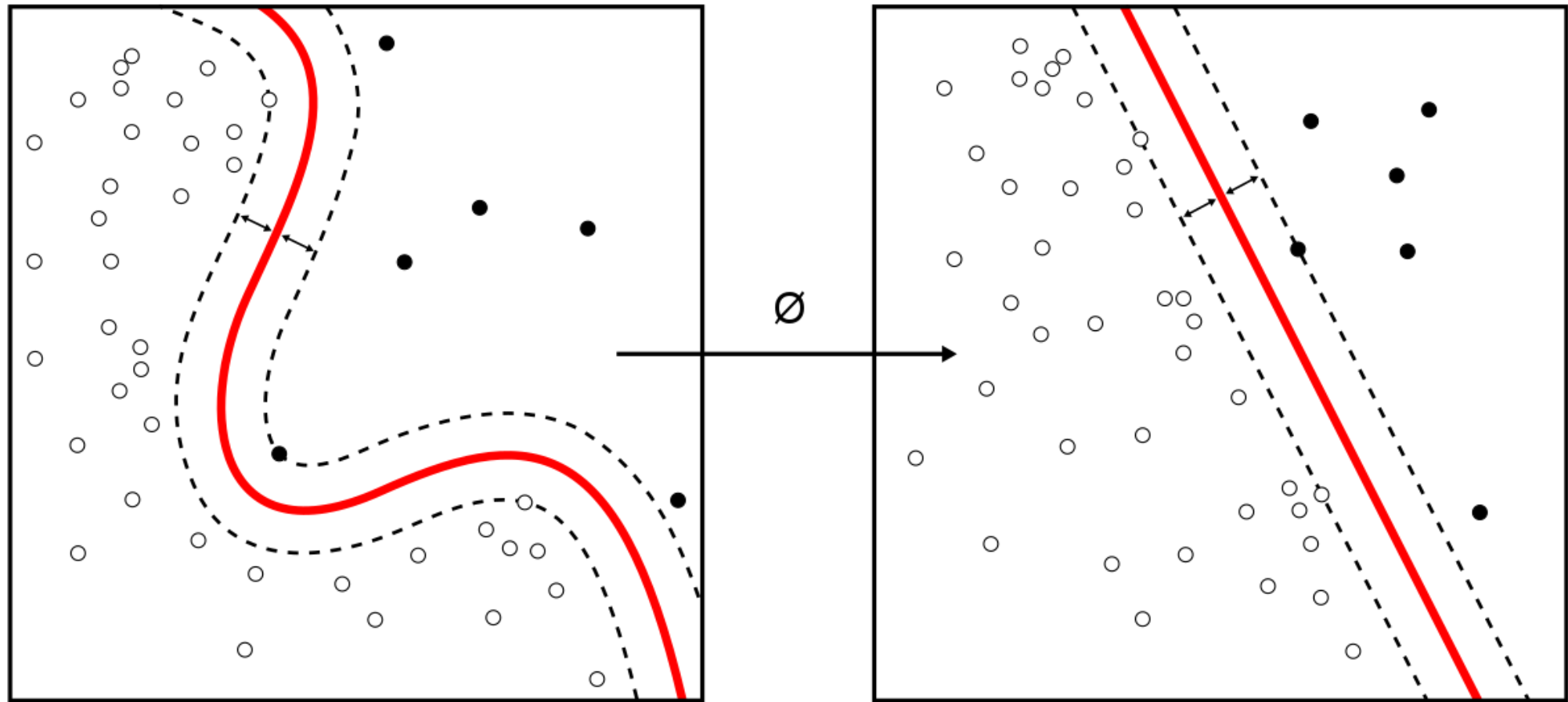
Train and test data



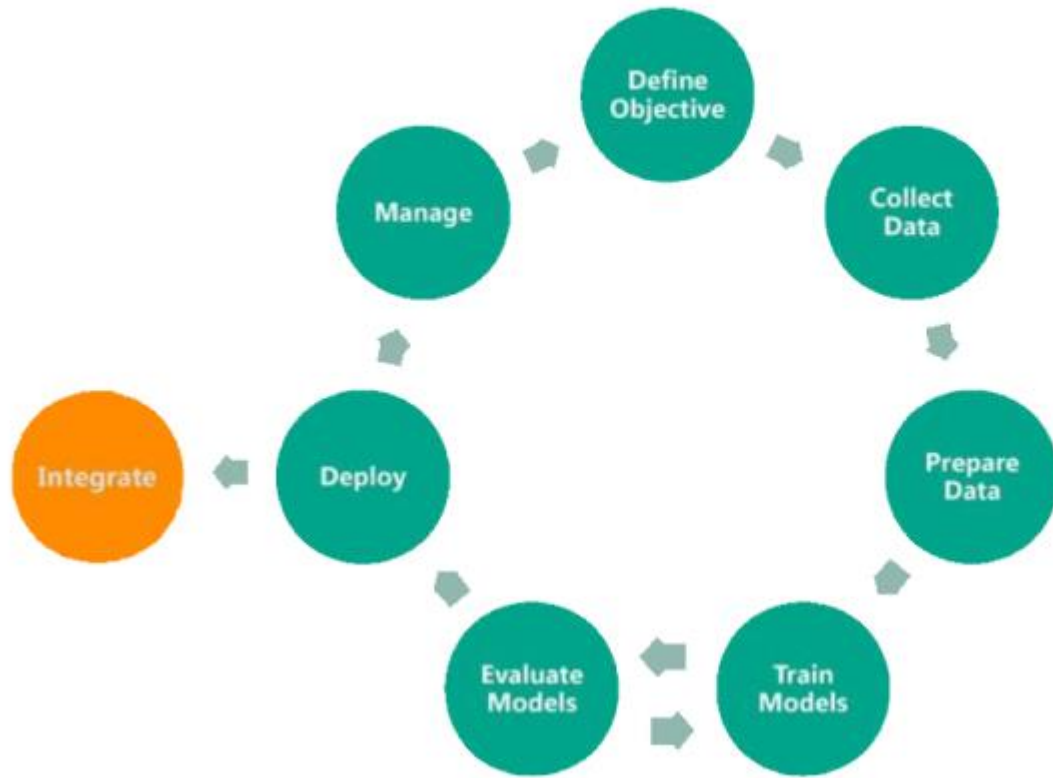
Models

- Support Vector Machine
- Decision Tree
- Random Forest

Support Vector Machine



Machine learning lifecycle



Thank You