

# Data science in predictive maintenance

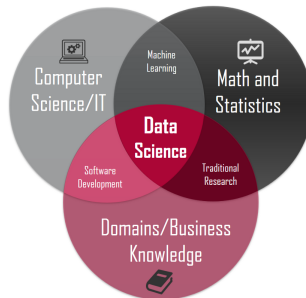
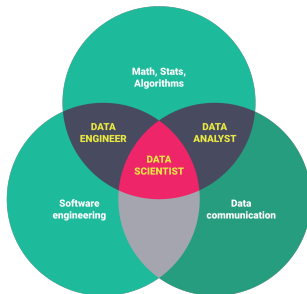
## A short story

Yapi Donatien Achou

August 20, 2019



# What is data science

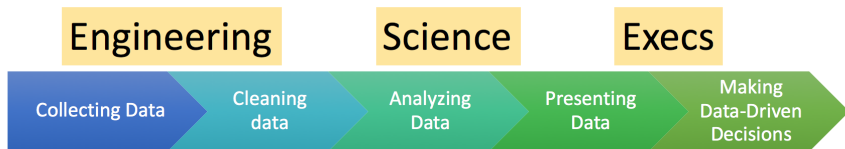


# Data science pipeline

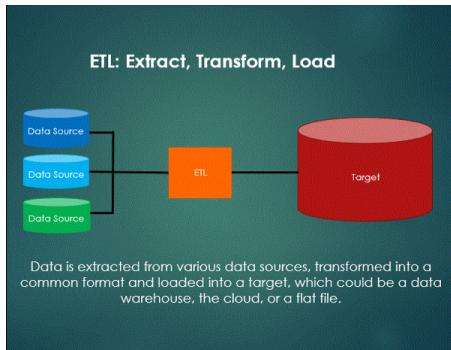
- 1 Process
- 2 Data
- 3 Model



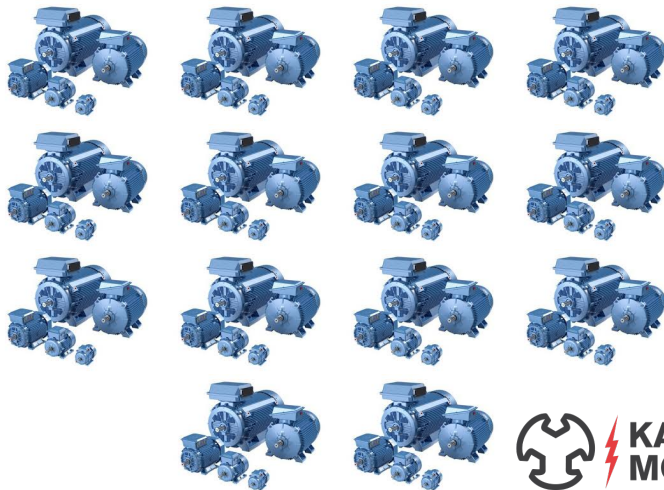
# Data science pipeline



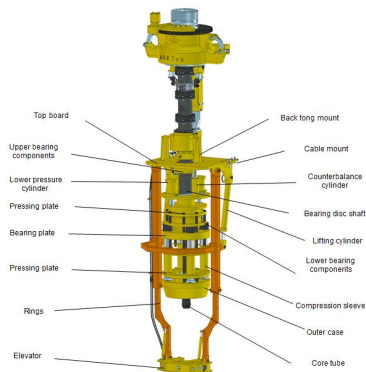
# Data science in predictive maintenance: Data engineering



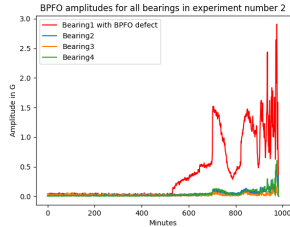
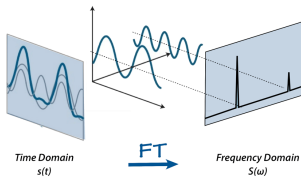
# Data science in predictive maintenance: Analytics at scale



# Data science in predictive maintenance: Complex machines

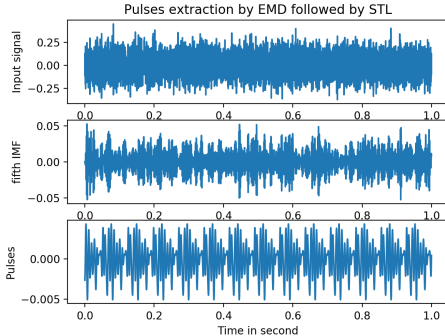


# Data science in predictive maintenance: Signal processing method

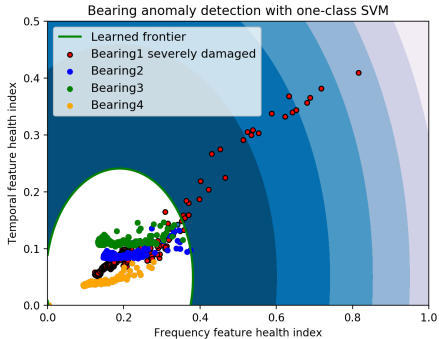




# Data science in predictive maintenance: Signal processing method



# Data science in predictive maintenance: Pattern recognition



# Skaiwatch

Demo

