

**Assignment 4: Part 2. Case Study for Machine learning Models**

### **Main Learning Goal**

To understand how to train Machine Learning models to analyze financial data.

### **How can we train ML models to analyze data?**

### **Machine Learning Models**

1. Go to this Kaggle Website and select one of the case studies on machine learning <https://www.kaggle.com/general/263565.> or

<https://towardsdatascience.com/september-edition-machine-learning-case-studies-a3a61dc94f23.> (pdf version: [Machine Learning Case-Studies](https://ufl.instructure.com/courses/487632/files/80371877?wrap=1)).

1. For the case study answer the following:
   1. Name the case study
   2. What was the problem the ML was to solve?
   3. What type of learning was this? (supervised, unsupervised, hybrid)
   4. What kind of mathematical modeling was used? (regression, clustering, classification...)
   5. What data sources were used to supply data to the model?
   6. How well did the model work?