

# Behind an accurate prediction: Machine Learning in an Industrial Environment



**Prediction is key in the industry 4.0 era!**

*Discover how Machine Learning enables you to create predictive models for future events with real-world datasets!*

There is a rising demand for AI and machine learning technologies in the industrial sector. The reason behind this is very often a quest for predictive models for future events.

AI-based algorithms and machine learning require massive quantities of data in order to learn patterns that make future behaviour predictable.

An API in industry can be a great source of learning and training for AI-based tools and algorithms, given that it is able to produce huge volumes over time.

*The objective of this course is to link AI and machine learning algorithms to APIs to analyse a data set and produce a predictive model for future events.*

In doing so, you will refresh your basics in machine learning. At the same time, via a use case example applied in industry, you will learn the logic behind the most common and most used training algorithms.

## **About Cap4Lab**

Cap4Lab unlock the potential of new digital business models driven by the economics of connections through the design of the business processes, new information-sharing strategies and application of cutting edge applications and technologies. Located in Luxembourg they are expert in the the banking sector.

