**In the module Machine Learning I shall:**

* Learn about the key paradigms and algorithms in machine learning.
* Get an understanding of data analytics based on machine learning and using modern programming tools, such as Python or R.
* Experience how machine learning and data analytics can be used in real-world applications.
* Acquire the ability to gather and synthesise information from multiple sources to aid in the systematic analysis of complex problems using machine learning tools and algorithms.

**On completion of the module Machine Learning, I will be able to:**

* Articulate the legal, social, ethical, and professional issues faced by machine learning professionals.
* Understand the applicability and challenges associated with different datasets for the use of machine learning algorithms.
* Apply and critically appraise machine learning techniques to real-world problems, particularly where technical risk and uncertainty is involved.
* Systematically develop and implement the skills required to be effective member of a development team in a virtual professional environment, adopting real-life perspectives on team roles and organisation.