

## UNIT 1. Week 1.

During the first week of my university module on Machine Learning, I focused on understanding the history and future of machine learning, as well as the challenges and opportunities it presents. I also explored the relationship between big data analytics, machine learning, and artificial intelligence.

To start my learning journey, I attended a Lecturecast that introduced me to the fundamentals of machine learning. This session provided insights into the field's applications in different industries and the essential skills needed for success. I also learned about the various types of machine learning.

Throughout the week, I read and watched recommended sources, gaining a deeper understanding from different perspectives.

The week concluded with a collaborative discussion on "The 4th Industrial Revolution." We analysed Industry 4.0's impact on specific sectors and discussed potential consequences of information system failures.

As a result, I achieved several learning outcomes. I now better comprehend machine learning's role in future industries, and I can identify the necessary skills to excel in this field. Moreover, I am aware of potential pitfalls and strategies to address them.

Honestly, I was eagerly looking forward to this subject, as I work as a Data Scientist and have a passion for everything related to this field. I was pleasantly impressed by the organisation of the educational process. The information was presented very clearly, comprehensively, systematically, and in a well-balanced manner.