Welcome to Part 8 - Deep Learning!

Deep Learning is the most exciting and powerful branch of Machine Learning. Deep Learning models can be used for a variety of complex tasks:

* Artificial Neural Networks for Regression and Classification
* Convolutional Neural Networks for Computer Vision
* Recurrent Neural Networks for Time Series Analysis
* Self Organizing Maps for Feature Extraction
* Deep Boltzmann Machines for Recommendation Systems
* Auto Encoders for Recommendation Systems

In this part, you will understand and learn how to implement the following Deep Learning models:

1. Artificial Neural Networks for a Business Problem
2. Convolutional Neural Networks for a Computer Vision task