We will be dealing with 2 ML problems: Regression and Classification:

**Week 2: Machine Learning Problems - Regression and Classification**

**Regression**

* [Linear Regression using Neural Networks](https://www.analyticsvidhya.com/blog/2021/06/linear-regression-using-neural-networks/)
* [Linear Regression using NumPy](https://medium.com/analytics-vidhya/simple-linear-regression-with-example-using-numpy-e7b984f0d15e)
* [Linear Regression using Scikit-learn](https://towardsdatascience.com/complete-guide-to-linear-regression-in-python-d95175447255)
* [Regression Analysis in Machine Learning](https://towardsdatascience.com/a-beginners-guide-to-regression-analysis-in-machine-learning-8a828b491bbf)

**Classification**

* [Artificial Neural Network Implementation using NumPy](https://towardsdatascience.com/artificial-neural-network-implementation-using-numpy-and-classification-of-the-fruits360-image-3c56affa4491)

**PyTorch Basics**

* [PyTorch Basics in 4 Minutes](https://medium.com/dsnet/pytorch-basics-in-4-minutes-c7814fa5f03d)
* [PyTorch Tutorial - Develop Deep Learning Models](https://machinelearningmastery.com/pytorch-tutorial-develop-deep-learning-models/)