Go through these resources from WnCC. You can ask me for more resources if you want to go into depth, but for now, getting acquainted with the background is necessary and enough.

1. [Machine Learning - Grundy](#)
2. [Deep Learning - Grundy](#)

Our project is a classification problem solved using CNN (deep learning). To get acquainted with the process, here is one machine learning classification problem from the finance space: To predict if a given customer would default on their credit card payment:

3. [UCI Machine Learning Repository: default of credit card clients Data Set](#)

You are advised to work on this yourself first. But here are 2 references for the same:
[Machine Learning for Finance Guide - A Real-Life Example - AlgoTrading101 Blog](#)
[Credit Card Default: a very pedagogical notebook | Kaggle](#)

Here is a basic tutorial on deep learning. Try understanding the workflow, as you implement. You may skip going into the depth of why or how the neural network works the way it's coded. This will be covered in the next 2 weeks, especially with CNN in focus.

4. [Deep Learning Basics](#)

I am waiting for the Git session by Analytics Club after which I will formalise your notebook submissions and also probably shift the project and resources to Github. Do practice implementing in-action whatever code you see (applicable for Week 2 as well as weeks ahead). Also, feel free to contact me to share any feedback or if you need anything else.