Deep Dive: Computer Vision

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Week-2

Excited for Week-2? Let's start off with the basics of ML and computer vision.

Here is a **Coursera course** which we feel will be a good introduction to the domain:
[Introduction to Computer Vision and Image Processing](#)

This course is **optional** for those without prior exposure to ML who wish to gain a **solid understanding of its fundamental concepts**. Although optional, this course is great for understanding ML fundamentals, and we highly recommend it!
[Introduction to Supervised Machine Learning](#)

Note: We will likely hold a meeting during the week to briefly cover the fundamentals and address any questions you may have.

Feel free to reach out in case you face any difficulties anywhere. Don't hesitate to ask for any additional resources you might want for a particular topic!

CHECKPOINT:

1) Implement Linear Regression (or Classification) on a dataset from kaggle which you can download from right [here](#). You are expected to submit a .pdf version of your code.

2) Submit a short 3-4 page report on Computer Vision. It does not have to be in super high detail; however try to include all the topics that you learnt, so that we also know how much you have been able to cover.

Note: **Do not use AI tools.** Trust me, we will know :)