



# Week 4

# Coding





Week 1	Prerequisite Learning
Week 2	Programming Fundamentals (Python) + Required Installation
Week 3	ML Specific
Week 4	<b>Coding</b>
Week 5	Git Hub Deployment
Week 6	Extension + Summarization

Sample Example:

## **Intel Image Classification (CNN - Keras)**

Process of implementing CNN with Keras in order to classify images.

- Firstly, we'll import useful packages.
- Then, we'll load the data, before visualize and preprocess it.
- We'll try a simple CNN model and then we will evaluate its performances.



Step 1: Import Packages

Step 2: Loading the Data

Step 3: Explore the dataset

Step 4: Scale the data

Step 5: Visualize the data

Step 6: Model Creation

Step 7: Plot Accuracy