

Artificial Neural Network

- After learning some basic classifiers of machine learning, it's time to dive into deep learning.
- A neural network is an artificial intelligence technique that instructs computers to analyze data in a manner modeled after the human brain. It is a kind of artificial intelligence technique known as deep learning that makes use of interconnected neurons or nodes in a layered structure to mimic the human brain.
- Tensorflow, Keras, and PyTorch serve this purpose.
- Build an Artificial Neural network for the dataset provided to you(weather.csv) and test it just as you all did in previous checkpoints.
- The deadline for checkpoint 8 is **31st Jan 2023, 11:00 pm**.

Note: we expect you to explore different things in ANN and not just stick to the task assigned.

Resources :

- Intro to deep learning - [MIT Introduction to Deep Learning | 6.S191](#)
- Tensorflow documentation: [Introduction to TensorFlow](#)
- Keras documentation: [Getting started](#)
- Pytorch documentation: [PyTorch Tutorials 1.13.1+cu117 documentation](#)
- ANN basic in Pytorch:
https://pytorch.org/tutorials/beginner/basics/buildmodel_tutorial.html/

 Happy Coding 
