Submission 3

HI Using PINNs to solve Differential Equations, this is the **submission link** for the 2nd code assignment. **The deadline is extended to October 20th, 11:59 PM**, so you can submit it anytime between today and October 20th. Please don't forget to update the **PINN progress doc** once you are done! If anyone has any doubts, feel free to ping me or ADITH V R or post your doubts in the queries channel.

Here are some points to consider as you do this assignment -

1. For the people who chose the differential equation to be harmonic oscillator in the previous submission, pick a different one for this submission for it to be considered valid.
2. Experiment with model architecture (number of hidden layers, number of nodes in each hidden layer, activation functions), learning rate, number of training points to see how they affect the loss. (Plot graphs in the notebook, use markdown to write inferences)
3. Compare the results of your PINN to the NN and see how this performs! (Plot graphs in the notebook, use markdown to write inferences)

Access Google Forms with a personal Google account or Google Workspace account (for business use).