

Course Objective:

To gain practical experience of building regression and other models using Jupyter notebook, and to be able to apply knowledge to participate in Kaggle competitions.

Logistics:

Course will be run over Google Meet Weekly on Saturdays, 11:30-12:30 pm EST from Sep 10, 2022 – Oct 29, 2022.

Course Outline:

- Class 1 (ask students to download Anaconda prior to class): set up jupyter notebooks, pip, virtual environments
- Class 2: downloading wine rating and prices dataset, conducting preliminary data analysis, intro to seaborn for data visualization
- Class 3: multivariate regression model from scratch, calculating accuracy
- Class 4: using scikit-learn, making predictions
- Class 5: Kaggle Titanic ML Competition part 1
- Class 6: Kaggle Titanic ML Competition part 2

Contact Us:

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