



# *Hit the apex and run*

**Hint:** task is divided to two parts. **Part I** should be finished before the meeting.

## **Target:**

**Get to know:**

- **Part I :**
  - Sign up to [Kaggle](#) and then search to how to deal with it.
  - Download [Housing dataset](#) and use your brilliant brain to apply what you have learned in the previous task , create a **regression model** which predict the price of housing.
- **Part II :**
  - Classification with logistic regression.
  - Cost function for logistic regression
  - Gradient descent for logistic regression
  - The problem of overfitting

## **Resources:**

- [Supervised Machine Learning](#)

## **Problems:**

**Problem 1** → Upload your notebook of regression model to your repo.

**Problem 2** → watch the videos in the resources and take notes

**Problem 3** → study well Notebooks in labs folder and be sure to run each cell.

***Evaluation:***

*Notebook → 7 points*

*Notes → 3 points*

***Deadline:***

*2 Days # Wednesday– August 23 at 11:59 PM*