

**Library for visualization:** Python Matplotlib

**Helping libraries:** Numpy or Pandas

**Note:** This task will be done in **Jupyter Notebook**

Type `jupyter notebook` in Ubuntu terminal to launch the [Jupyter Notebook App](#)

## Lab Task

Load "zameen\_com.csv" dataset

1. Drop the empty columns
2. Take the subset of data from plot type "Resident"
  - Construct a histogram of price and area
  - Give proper plot title and x, y labels
3. Take the subset of data from plot type "Commercial"
  - Construct a histogram of price and area
  - Give proper plot title and x, y labels

Answer these questions by making the appropriate plots of your choice for analysis

1. How do **Internal and external factors** affect the sale price of the plot? Give analysis by visualizing it.  
Internal and external factors -> Possession, Balloted, Sewerage, Electricity, Water Supply, Sui Gas, Boundary Wall, Nearby Schools, Nearby Hospitals, Public Transport, Nearby Restaurants, Security Staff.  
*You can make multiple plots.*
2. Which plots are better to invest in? Either commercial or residential?  
*Perform analysis by visualizing the data and then write in 2-3 lines why you have chosen a specific category to invest (commercial or residential)*

Happy Coding 😊