Final Project

Please select the project based on the last digit of your student number. For example, if your student number is 9934567**5**_S, you should select Project 5.

Use all attributes (except those attributes that are not useful such as ID or row number) in provided datasets and the specific target value defined in the table below.

Project #	Dataset	Task	Target Value
0	Wine Quality Data Set (use red wine data)	Classification	quality (a number between 0 – 10 can be considered as categories)
1	Chess (King-Rook vs. King-Pawn)	Classification	"win" or "nowin"
2	Abalone	Classification	Sex
3	Abalone	Regression	age (rings+1.5)
4	Wine Quality Data Set (use white wine data)	Classification	quality (a number between 0– 10 can be considered as categories)
5	Bank Marketing (use bank-additional-full.csv)	Classification	Has the client subscribed to a term deposit?
6	Wine Quality Data Set (use white wine data)	Regression	alcohol
7	Wine Quality Data Set (use red wine data)	Regression	alcohol
8	Bike Sharing (use hourly data - hour.csv)	Regression	cnt: count of total rental bikes (do NOT include casual and registered columns in attributes/features)
9	Parkinsons Telemonitoring	Regression	total_UPDRS (do NOT include motor_UPDRS in your attributes)

Deliverable:

For Classification: A Jupyter Notebook similar to the below Notebook should be created:

- **Multiclass Classification Tutorial**

For Regression: A Jupyter Notebook similar to the below Notebook should be created:

- **Regression Tutorial**

Google Form

After submitting the project into the assignment dropbox, please submit this form independently before the deadline (You do NOT need to print and upload it to dropbox).

Hints:

- If your dataset is in a zip file, you can download it directly to your workspace in colab as follows:
    - How to downhttps://colab.research.google.com/drive/1wtGA9H5n2G6jCi3mEu4OgNRWifJ86cag?usp=sharingload Zip files in colab?