

Lab Exercises

1. The following is the list object for student marks out of 40: Marks = [23,19,14,10,23,34,15,19,24,19,2,20,30]. Display the result as to who has passed or failed if passing marks are 16.

2.

- a. Create a dictionary object of the following key value pair

Country	City	Population
UK	London	14187146
France	Paris	12193865
Spain	Madrid	6476838
Germany	Berlin	5207915
Italy	Rome	4353738
Greece	Athens	3773559

- b. Create a pandas DataFrame from the object created in a

3. Subset the dataset Orders to create a dataset with only "Online" payment.
4. Consider the dataset diamonds. Subset the dataset with criteria as cut=Premium and color=J
5. Consider the dataset diamonds. Create a data frame object which stores just variables carat, color, depth and price
6. Consider the dataset mtcars. Choose the 2nd, 18th, 30th and 12th rows