Week 3: Practice Assignment 3

Assignment not submitted

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

1) Which of the following can be inferred from scatter plot of ***'mpg'*** (Miles per gallon) vs '***wt***' (Weight of car) from the dataset **mtcars.csv (https://drive.google.com/file/d/1Ua21bZfbtN4DUw4fK9XCF3AJmclqSn4w/view?usp=sharing)**? ***1 point***

- As weight of the car increases, the mpg decreases
- As weight of the car increases, the mpg increases
- There is no relation between weight of the car and mpg
- When weight increases, mpg increases exponentially

2) Plot a boxplot for ***"price"*** vs ***"cut"*** from the dataset ***"diamond.csv (https://drive.google.com/file/d/1oSRxlHG8NcK9jNgIn4Q1Y5GGi6Jm5asX/view?usp=sharing)"***. Which of the categories under ***"cut"*** have the highest median price? ***1 point***

- Good
- Ver Good
- Premium
- Fair

3) In the **churn.csv** (https://drive.google.com/open?id=14eJFzce4nMREzCsd4tCTewnFdz6GZAD4) dataframe, what are the total no. of missing ***1 point*** for the variable ***TotalCharges***?

- ○ 10
- ○ 23
- ○ 15
- ○ 5

4) The command used for line plot from the package ***Matplotlib***? ***1 point***

- ○ plot( )
- ○ line( )
- ○ join( )
- ○ plt( )

5) The probability of two different events occurring at the same time is known as ***1 point***

- ○ Marginal probability
- ○ Conditional probability
- ○ Joint probability
- ○ Marginal and Joint probability

Check Answers and Submit