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Unit 5 - Week 3

Practice Assignment 3

The due date for submitting this assignment has passed. Due on 2020-02-19, 23:59 IST.
As per our records you have not submitted this assignment.

Click here (https://drive.google.com/open?id=1BvWnRkP2mDVtColL7JhR8yjuduTp9OjB) to download the Data description and Data sets.

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/1Ua21bZfbtN4DUw4fK9XCF3AJmcIqSn4w/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

No, the answer is incorrect.
Score: 0
Accepted Answers:
As weight of the car increases, the mpg decreases

2) Plot a boxplot for ***"price"*** vs ***"cut"*** from the dataset ***"diamond.csv (https://drive.google.com/file/d/1oSRxlHG8NcK9jNgln4Q1Y5GGi6Jm5asX/view?usp=sharing)"***. Which of the categories under ***"cut"*** have the highest median price? ***1 point***

- Good
- Ver Good
- Premium
- Fair

No, the answer is incorrect.
Score: 0
Accepted Answers:
Fair

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

- 10
- 23
- 15
- 5

No, the answer is incorrect.
Score: 0
Accepted Answers:
15

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

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

No, the answer is incorrect.
Score: 0
Accepted Answers:
plot( )

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

No, the answer is incorrect.
Score: 0
Accepted Answers:
Joint probability

Supporting material for Week 4

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