Graded Review Questions

Graded Review Questions Instructions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

Question 1

1/1 point (graded)
Consider the dataframe `df`. What is the result of the following operation: `df['symbolling'] = df['symbolling'] + 1`?

- (●) Every element in the column "symbolling" will increase by one.
- ( ) Every element in the row "symbolling" will increase by one.
- ( ) Every element in the dataframe will increase by one.

✔

Submit You have used 1 of 2 attempts

Question 2

1/1 point (graded)
Consider the dataframe `df`. What does the command `df.rename(columns={'a':'b'})` change about the dataframe `df`?

- ( ) Renames column "a" of the dataframe to "b".
- ( ) Renames row "a" to "b".
- (●) Nothing. You must set the parameter "inplace = True".

✔

Submit You have used 1 of 2 attempts

Question 3

1/1 point (graded)
Consider the dataframe "df". What is the result of the following operation `df['price'] = df['price'].astype(int)`?

- ( ) Convert or cast the row 'price' to an integer value.
- (●) Convert or cast the column 'price' to an integer value.
- ( ) Convert or cast the entire dataframe to an integer value.

✔

Submit You have used 1 of 2 attempts

Question 4

1/1 point (graded)
Consider the column of the dataframe `df['a']`. The column has been standardized. What is the standard deviation of the values as a result of applying the following operation: `df['a'].std()`?

- (●) 1
- ( ) 0
- ( ) 3

✔

Submit You have used 1 of 2 attempts

Question 5 a)

1/1 point (graded)

Consider the column of the dataframe, df['Fuel'], with two values: 'gas' and' diesel'. What will be the name of the new columns pd.get_dumies(df['Fuel']) ?

- ○ 1 and 0
- ○ Just 'diesel'
- ○ Just 'gas'
- ◉ 'gas' and 'diesel'

✔

Submit You have used 1 of 2 attempts

Question 5 b)

1/1 point (graded)

What are the values of the new columns from part 5a)?

- ◉ 1 and 0
- ○ Just 'diesel'
- ○ Just 'gas'
- ○ 'gas' and 'diesel'

✔

Submit You have used 1 of 2 attempts