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

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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

Answers are displayed within the problem

Question 2

1/1 point (graded)

Consider the dataframe "df", what does the command `df.rename(columns={'a':'b'})` change about the dataframe "df"

- rename column "a" of the dataframe to "b"
- rename the row "a" to "b"
- nothing as you must set the parameter "inplace =True " ✔

Explanation

Many methods require you to set the inplace parameter to True to actually change the dataframe

Submit You have used 1 of 2 attempts

Answers are displayed within the problem

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

Answers are displayed within the problem

Question 4

1/1 point (graded)

Consider the column of the dataframe `df['a']`. The colunm has been standardized. What is the standard deviation of the values, i.e the result of applying the following operation `df['a'].std()`:

- 1 ✔
- 0
- 3

Explanation

The z score has unit Standard deviation as it is simply the original data divided by its own standard deviation.

Submit You have used 1 of 2 attempts

Answers are displayed within the problem

Question 5 a)

1/1 point (graded)

consider the column of the dataframe df['Fule'] , with two values 'gas' and' diesel'. What will be the name of the new colunms pd.get_dumies(df['Fule']) ?

- [ ] 1 and 0
- [ ] just diesel
- [ ] just gas
- [x] gas and diesel ✔

Submit You have used 1 of 2 attempts

Answers are displayed within the problem

Question 5 b)

1/1 point (graded)

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

- [x] 1 and 0
- [ ] just diesel
- [ ] just gas
- [ ] gas and diesel

Submit You have used 1 of 2 attempts

Answers are displayed within the problem

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