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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['sybolling'] = df['sybolling'] + 1 ?
```



Every element in the column "sybolling" will increase by one.



Every element in the row "sybolling" will increase by one.



Every element in the dataframe will increase by one.



Submit

You have used 2 of 2 attempts

✓ Correct (1/1 point)

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 2 of 2 attempts

✓ Correct (1/1 point)

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 2 of 2 attempts

✓ Correct (1/1 point)

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 2 of 2 attempts

✓ Correct (1/1 point)

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_dummies(df['Fuel'])` ?

☐ 1 and 0

☐ Just 'diesel'

☐ Just 'gas'

☒ 'gas' and 'diesel'



Submit

You have used 2 of 2 attempts

✓ Correct (1/1 point)

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 2 of 2 attempts

✓ Correct (1/1 point)
