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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 1 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 1 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 1 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 1 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

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✓ Correct (1/1 point)

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## 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

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✓ Correct (1/1 point)