



# 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['symboling'] = df['symboling'] + 1` ?

- ☒ Every element in the column "symboling" will increase by one.
- ☐ Every element in the row "symboling" 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

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✓ Correct (1/1 point)