COGNITIVE
CLASS.ai

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

✔ 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 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_dumies(df['Fuel']) ?

○   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)

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)