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Graded Review Questions

Instructions for Review Questions

How much time do I have to complete these questions?

Unlimited. You can take as long you want to answer these questions.

Can I go back to the videos to check something, then come back to these Review Questions?

Yes, absolutely! These questions are for you to review what you've learned so far. Take your time.

Do these Review Questions count towards my final grade?

Yes, all of the review questions, combined together, are worth 50% of your total mark.

How many chances do I get to answer these questions?

It depends:

- For True/False questions, you only get one (1) chance.
- For any other question (that is not True/False), you get two (2) chances.

How can I check my overall course grade?

You can check your grades by clicking on "**Progress**" in the top menu.

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



Enviar

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"

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

**Enviar**

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

**Enviar**

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, i.e the result of applying the following operation `df['a'].std()` :

☒ 1☐ 0☐ 3

Enviar

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



Enviar

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 5 b)

1/1 point (graded)

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

☒ 1 and 0

☐ Just diesel

☐ Just gas

☐ Gas and diesel



Enviar

You have used 1 of 2 attempts

❗ Answers are displayed within the problem