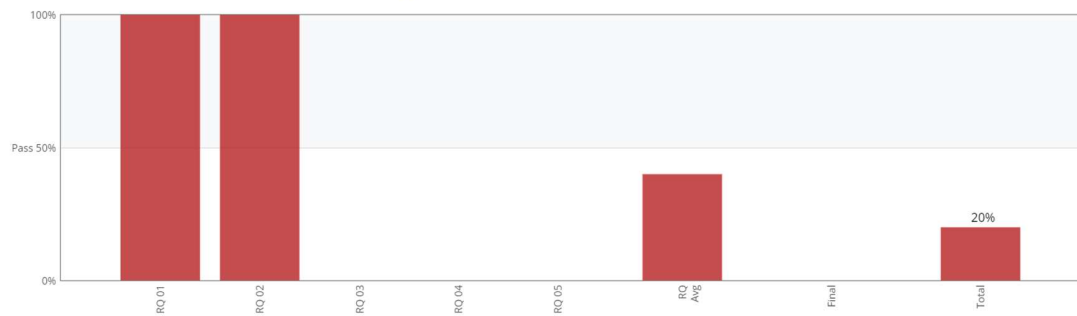


## A01793599 Gustavo René Ramos Ojeda

Ciencia y Analítica de Datos

Avance del curso Data Analysis with Python - 18 de octubre de 2022

### Course Progress for 'gusrro' (a01793599@tec.mx)



### 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.



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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".



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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.



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✓ 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



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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'



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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'



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You have used 1 of 2 attempts

✓ Correct (1/1 point)