

Module 2 – Data Wrangling

Question 1: 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

Question 2: 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 "**

Question 3: 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

Question 4: 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

Question 5: 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**

Question 6: What are the values of the new columns from part 5 a)

- **1 and 0**
- Just diesel
- Just gas
- Gas and diesel