Create a volcano plot: A volcano plot is a graph that shows effect size
from a study. It is a type of scatter plot where the –log10 p-value is
plotted on the y axis and the fold change (or in our case log2
fold-change) is on the x-axis.

1. Calculate the –log10 of the p value in the example dataframe (I will
give you this answer):

```
data = -(np.log10(example['P.Value']))
```

2. Save algorithm from answer 1 as a dataframe: In order to save this
you will need 2 lines of code:

```
Df = pd.DataFrame(data)
Df.columns = [<your answer>]
```

3. Concatenate your –log10 dataframe to your example dataframe. hint:
you can use

```
newexample =  pd.concat([example, Df ], axis = 1)
```

4. Create scatter plot