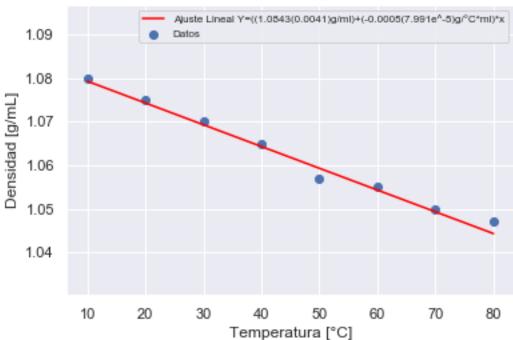
Evaluación de Incertidumbre

May 8, 2020

```
[1]: import pandas as pd
     import numpy as np
     import seaborn as sns
     import matplotlib.pyplot as plt
     #%matplotlib auto
[2]: dataset = pd.read_excel("minimos_cuadrados.xlsx", sheet_name='Hoja2')
    dataset.shape
[3]: (8, 2)
[4]: dataset.describe()
[4]:
            Temperatura[°C]
                              Densidad[g/mL]
     count
                   8.000000
                                    8.000000
                  45.000000
                                    1.062375
    mean
     std
                  24.494897
                                    0.011999
    min
                  10.000000
                                    1.047000
     25%
                  27.500000
                                    1.053750
     50%
                                    1.061000
                  45.000000
     75%
                  62.500000
                                    1.071250
                  80.000000
                                    1.080000
    max
[5]: dataset.head()
                          Densidad[g/mL]
[5]:
        Temperatura[°C]
     0
                      10
                                   1.080
     1
                      20
                                   1.075
     2
                      30
                                   1.070
     3
                      40
                                   1.065
     4
                      50
                                   1.057
[6]: x = dataset["Temperatura[°C]"]
     y = dataset["Densidad[g/mL]"]
```

Regresion lineal de los valores densidad vs Temperatura



[]: