**Scope of Project**

***Goal: Determine which factors play a factor into insurance costs to help customers better understand what aspects affect their charges***

Observation

1. Average age of the data set
2. Average bmi
3. Analyze where a majority of the individuals are from

Potential Questions

1. Does an insurance policy holder’s sex affect their total insurance charges?
2. Does an insurance policy holder’s age affect their total insurance charges?
3. Does an insurance policy holder being a smoker affect their total insurance charges?
4. Does an insurance policy holder’s bmi affect their total insurance charges?
5. Does location affect the total insurance charges?
6. Does having children affect insurance charges?
7. What is the average age for someone who has at least one child?

Data

* Over 1000 medical insurance records that detail the age, sex, bmi, number of children, region the individual lives, and their individual charges

Limitations

* Due to an unfamiliarity with running statistical tests in python, a t-test and other statistical analysis were not completed