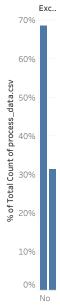
freq histogram of excessive charges

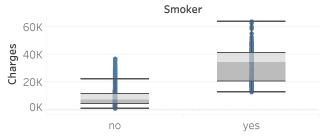


% of Total Count of pro-cess_data.csv for each Excess charges. The data is filtered on Smoker, Age and Bmi. The Smoker filter keeps no and yes. The Age filter ranges from 18 to 64. The Bmi filter ranges from 16 to 53.1 and keeps Null values. The view is filtered on Excess charges, which keeps No and Yes.

Exploratory Data An..

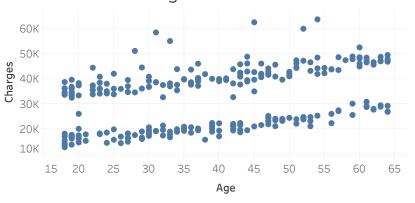
To explore this dataset the question to explore will be how unhealthy factors such as smoking and unhealthy bmi effect t...

Box plot smoker

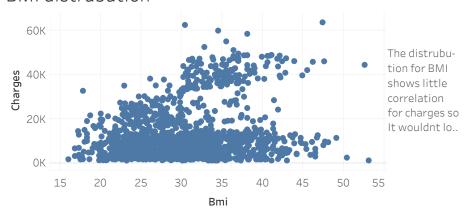


The distributions for the smokers along with the box plot points towards these being the largest factor in determining the charges for an individual. The box plots median is higher for s..

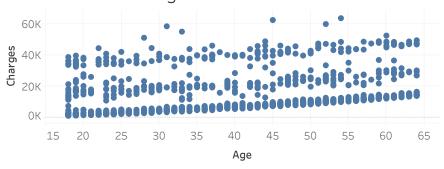
distrubution of charges for smokers



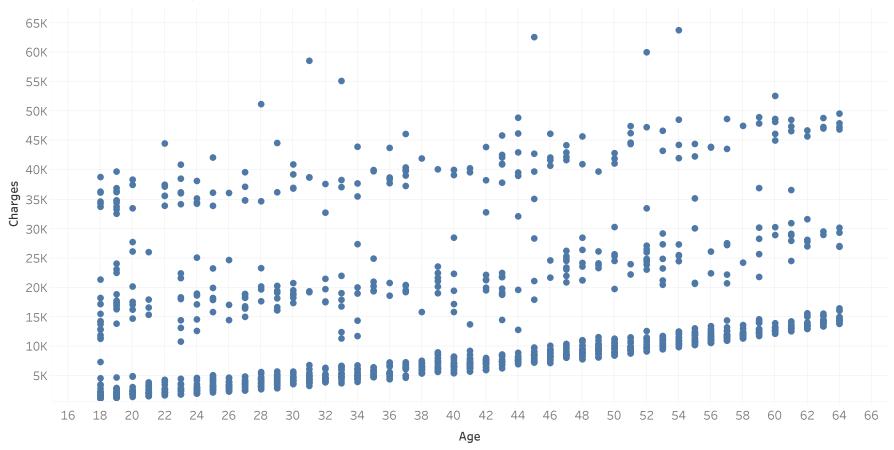
BMI distrubution



Distribution of charges

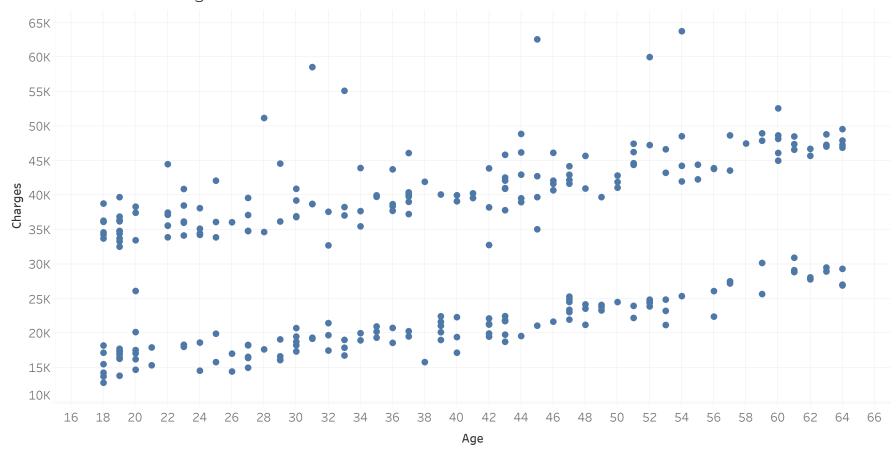


Distribution of charges



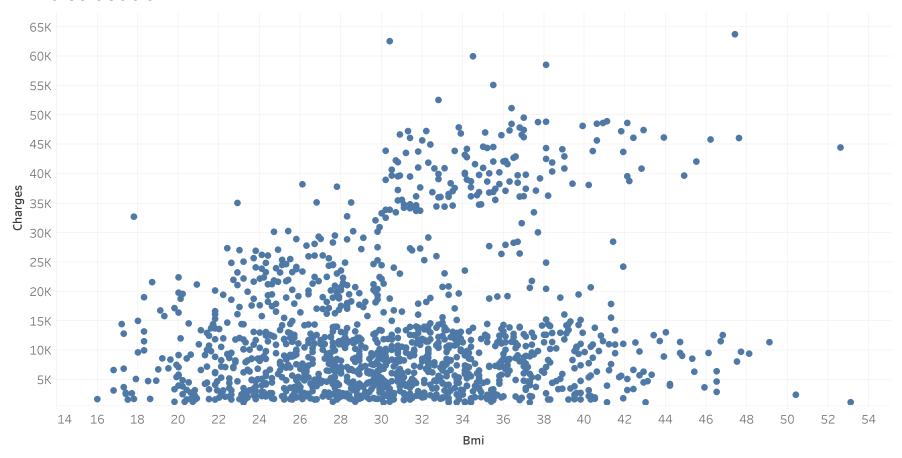
Age vs. Charges. The data is filtered on Smoker, Bmi, Excess charges, Action (Charges, Smoker) and Action (Excess charges). The Smoker filter keeps no and yes. The Bmi filter ranges from 16 to 53.1 and keeps Null values. The Excess charges filter keeps No and Yes. The Action (Charges, Smoker) filter keeps 1,337 members. The Action (Excess charges) filter keeps 2 members. The view is filtered on Age, which ranges from 18 to 64.

distrubution of charges for smokers



Age vs. Charges. The data is filtered on Smoker (process_data), which keeps no and yes.

BMI distrubution



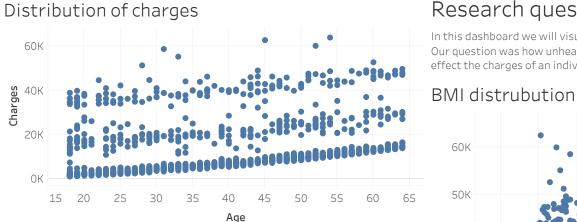
Bmi vs. Charges. The data is filtered on Smoker, Age, Excess charges, Action (Charges, Smoker) and Action (Excess charges). The Smoker filter keeps no and yes. The Age filter ranges from 18 to 64. The Excess charges filter keeps No and Yes. The Action (Charges, Smoker) filter keeps 1,337 members. The Action (Excess charges) filter keeps 2 members. The view is filtered on Bmi, which ranges from 16.00 to 53.10 and keeps Null values.

Box plot smoker



Charges for each Smoker. Details are shown for Smoker. The data is filtered on Age, Bmi, Excess charges and Action (Excess charges). The Age filter ranges from 18 to 64. The Bmi filter ranges from 16 to 53.1 and keeps Null values. The Excess charges filter keeps No and Yes. The Action (Excess charges) filter keeps 2 members. The view is filtered on Smoker,

which keeps no and yes.



10K

no

Using this dashboard we can see that age does have a contributing factor to the likelyhood of excess changes and the distribution of them however this is not part of the research question. To explore the question we look at the bmi and how a excessive or under average bmi effects the excess charges and the distribution and how somking effects the same factors as well. using the filters it is clear to see that smoking the the dominat factor in this regard with only 1 smoker not experiencing excessive charges and even then this person is 18 so theyre unlikely ti experi..

Research question

In this dashboard we will visualize our findings from our analysis in milestone 2. Our question was how unhealthy lifestyles such as smoking or unhealthy bmi effect the charges of an individual and the severity of them

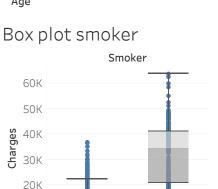
freq plot



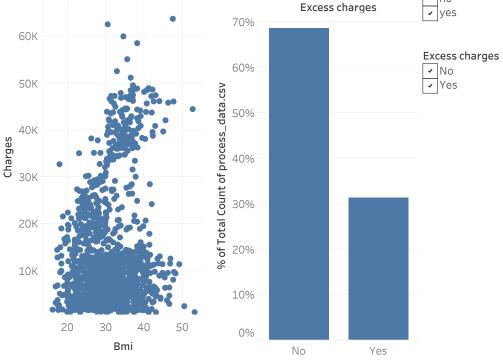




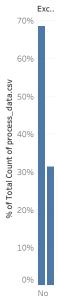




yes



freq plot



% of Total Count of process_data.csv for each Excess charges. The data is filtered on Smoker, Age, Bmi and Action (Charg es,Smoker). The Smoker filter keeps no and yes. The Age filter ranges from 18 to 64. The Bmi filter ranges from 16 to 53.1 and keeps Null values. The Action (Charg es,Smoker) filter keeps 1,337 members. The view is filtered on Excess charges,

which keeps No and Yes.