Homework 3

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Distributions

Lets see distributions in action, for that we go back to the youth dataset.

1. Read the youth.csv file into a dataframe.

2. Plot densities for `Height (inches)` the field. Write a few lines about what you read from this density plot.

3. To make things interesting, lets plot the densities by Gender. Use the "Gender" field to color code the densities. What do you observe? You would need to use the "color" field and "fill" field in the geom_density in the aes function (you want to say *fill=Gender*).

The plots should like as shown below. What you observe here is also (in a very simple way) an introduction to machine learning, we will discuss this more in class.