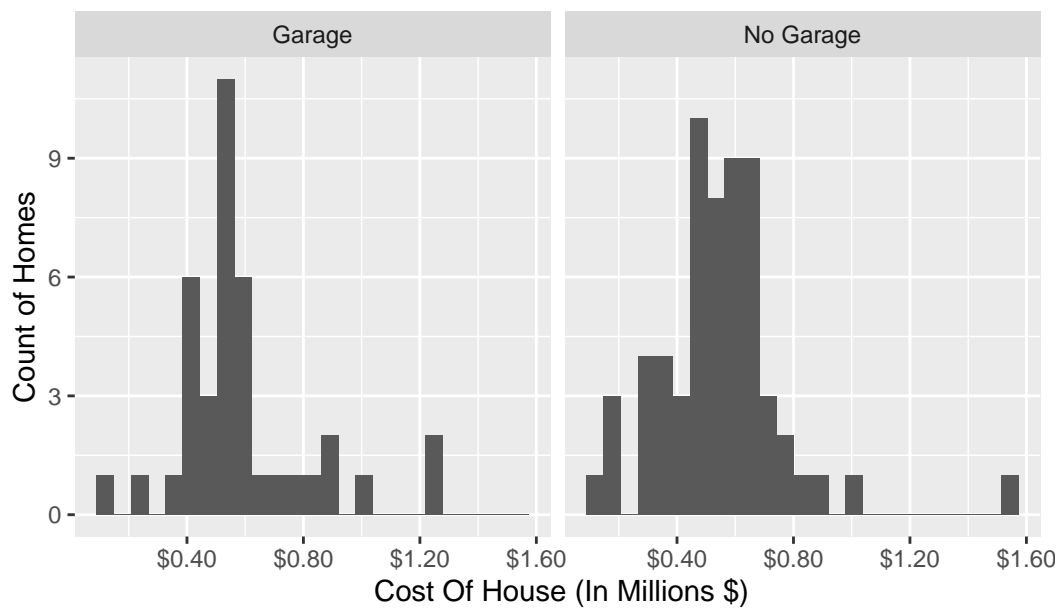# Week Three AE03

Brandon Leslie
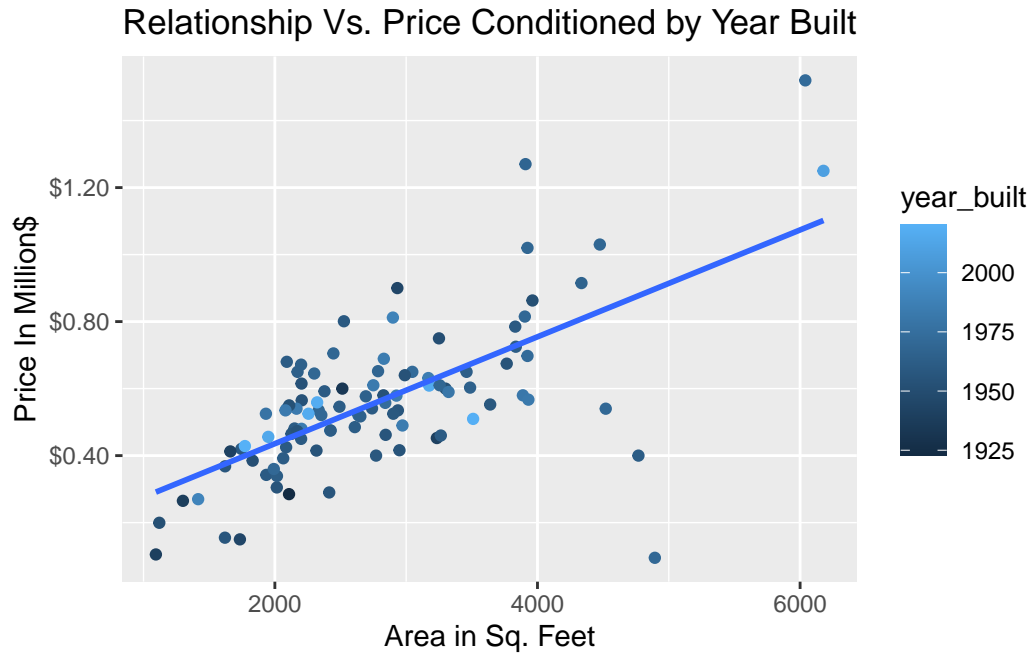
Exercise One

Price of Homes Based on Garage Status

Having a garage doesn't seem to make that much of a difference in the price of the homes. While the density of homes are far greater for houses with No Garage, the distribution is visually similar.

Exercise Two

Relationship Vs. Price Conditioned by Year Built

Claim 1 - **Larger houses are priced higher**

This claim is relatively **true** due to the upward trend of the best fit line. the upward trend shows that as the area of houses increase, so do the prices of said houses.

Claim 2 - **Newer houses are priced higher**

This claim is **false** because there is a mix of shades throughout the graph. While there are a dense area of older houses, there is not enough data to confirm that this claim is true.

Claim 3 - **Bigger and more expensive houses tend to be newer ones than smaller and cheaper ones**

This claim is **false** because there is a near even mix of houses throughout this graph. while there might be some houses that fit this claim, all the houses generally fit a uniform sgnificance.