Data Exploration

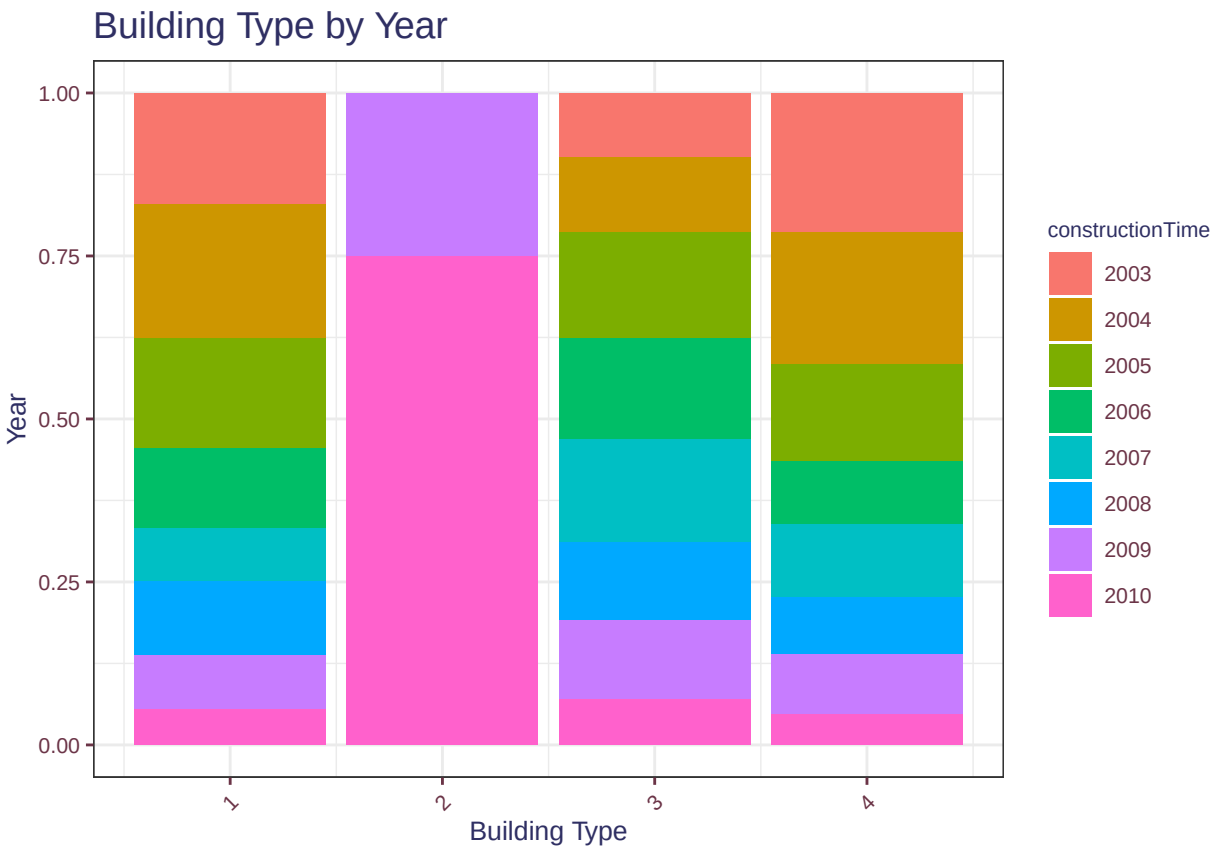
```
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##     filter, lag
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

Remove NA's in Days on Market

Install ggplot2

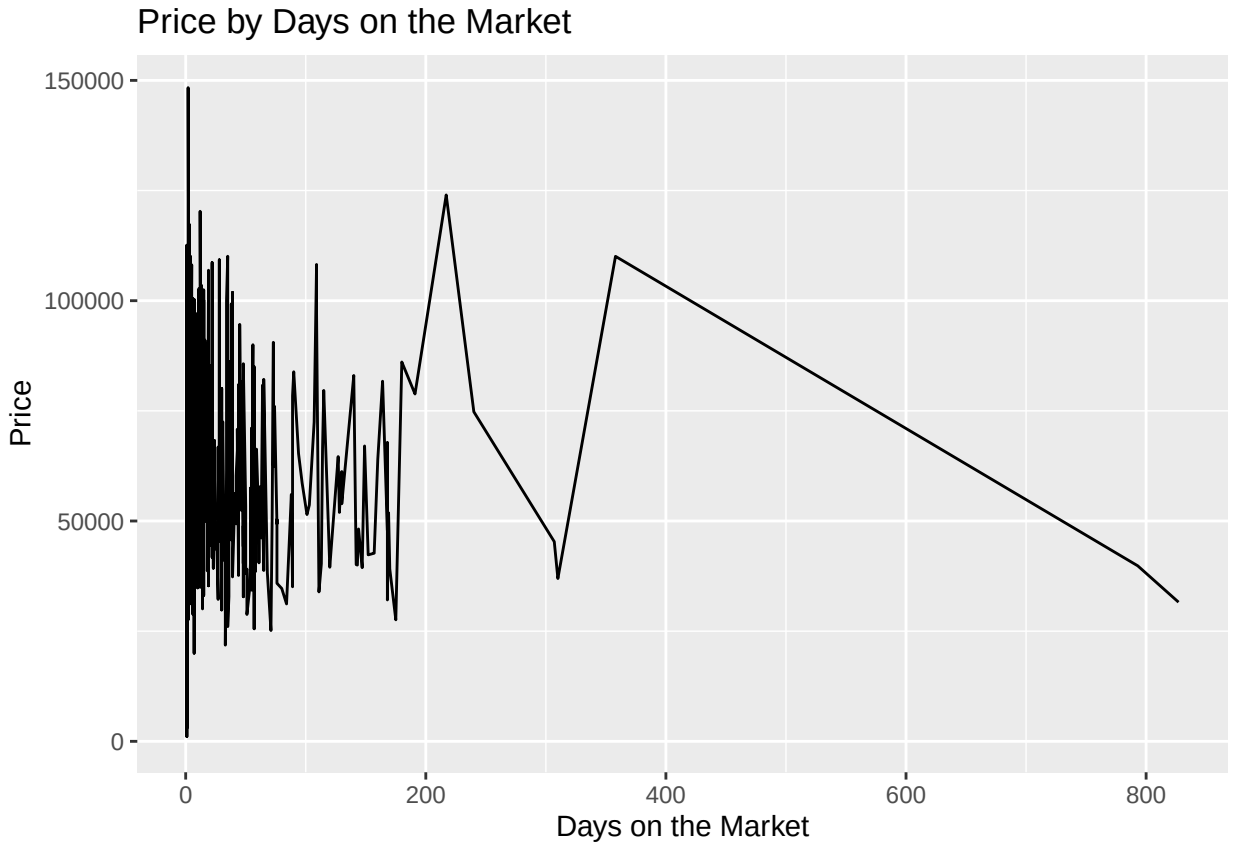
In this plot, it can be seen that different years have different building types. Most interestingly, building type two was built only during the years of 2009 and 2010.

```
## Warning in constructionTime == c(2003, 2004, 2005, 2006, 2007, 2008,
## 2009, : longer object length is not a multiple of shorter object length
## Warning: Removed 81 rows containing non-finite values (stat_count).
```

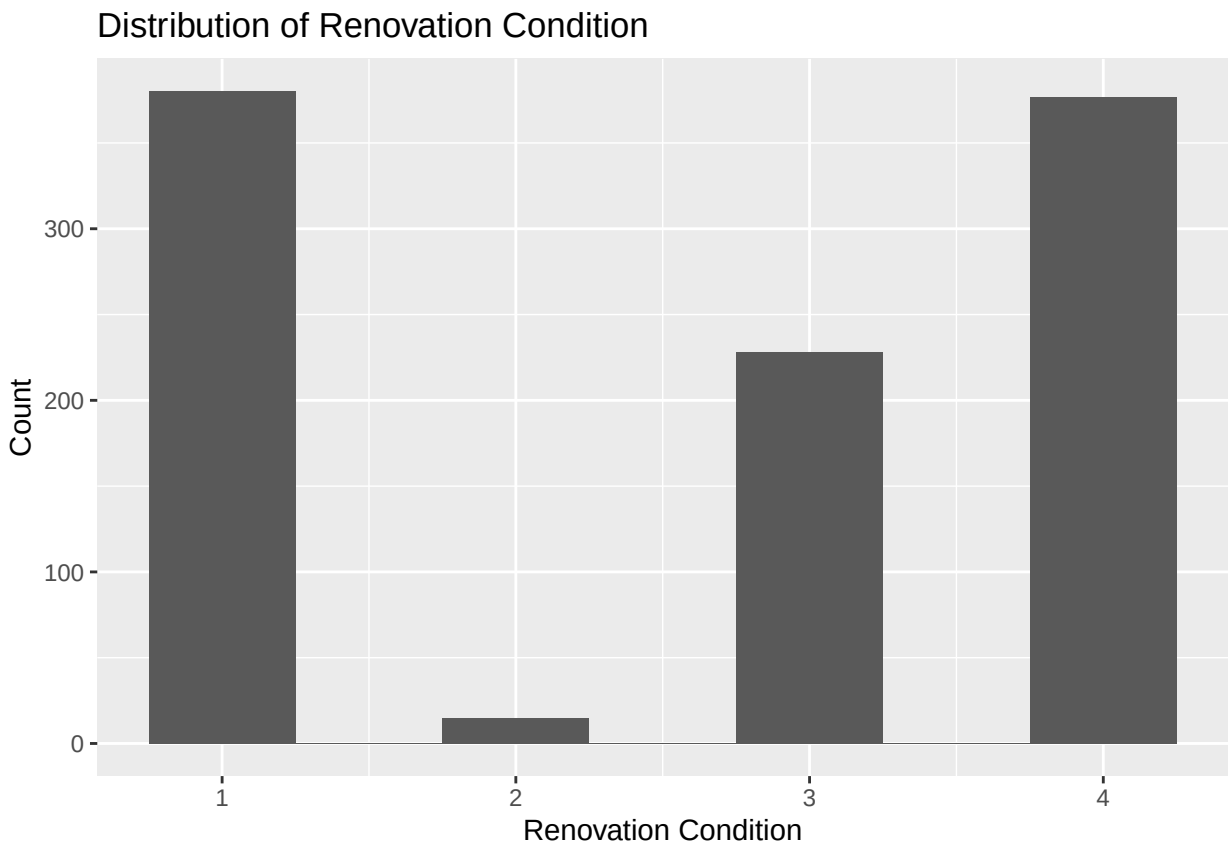


When initally plotting, we thought that as days on the market increases, the price would decrease. According to the plot, however, there does not seem to be a strong correlation between days on the market and price. As seen in the graph, the price fluctuates no matter how long the house has been on the market.

```
## Warning: Removed 505 rows containing missing values (geom_path).
```



Distribution of Renovation Condition



Distriubtion of Number of Living Rooms