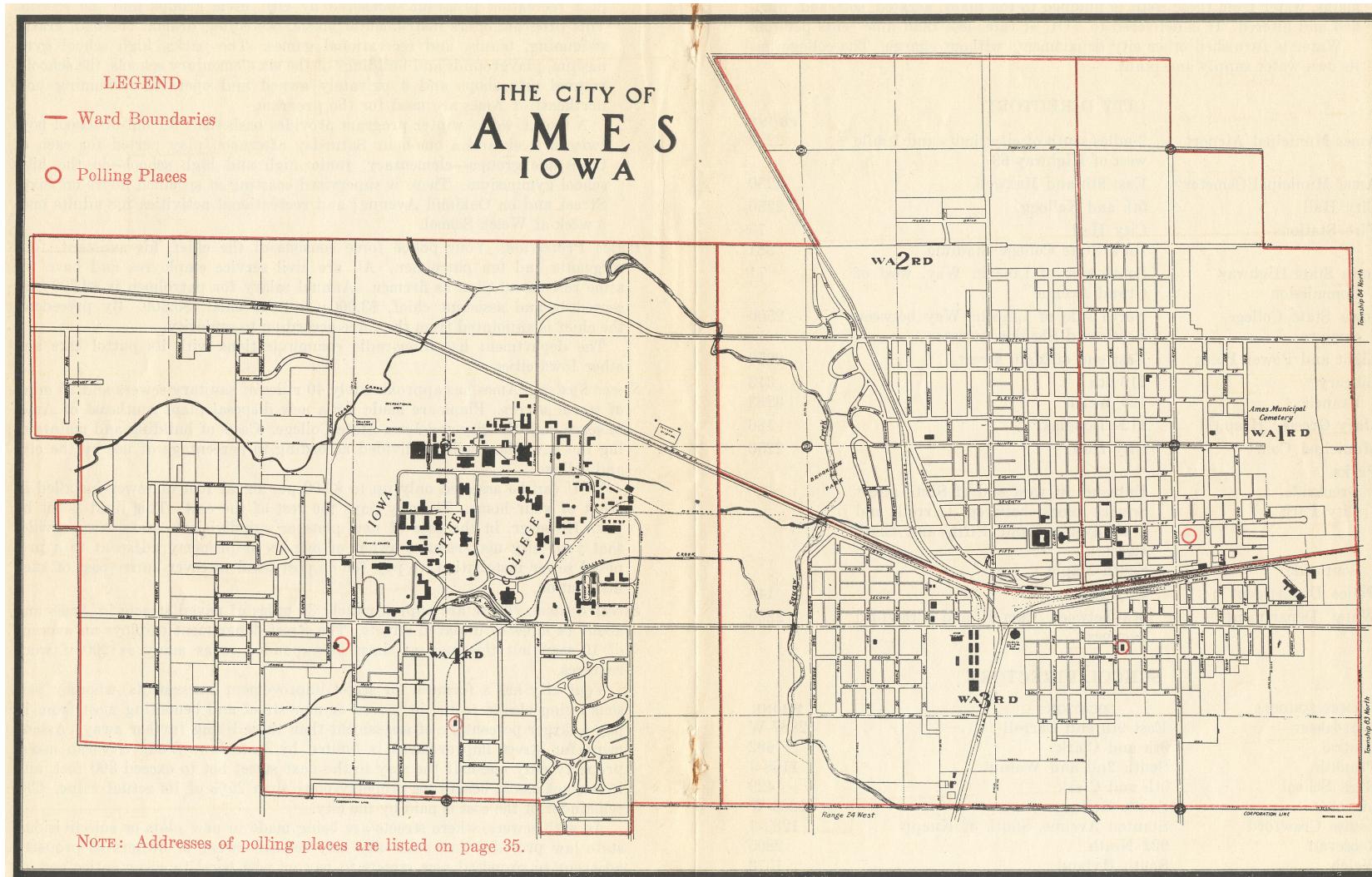
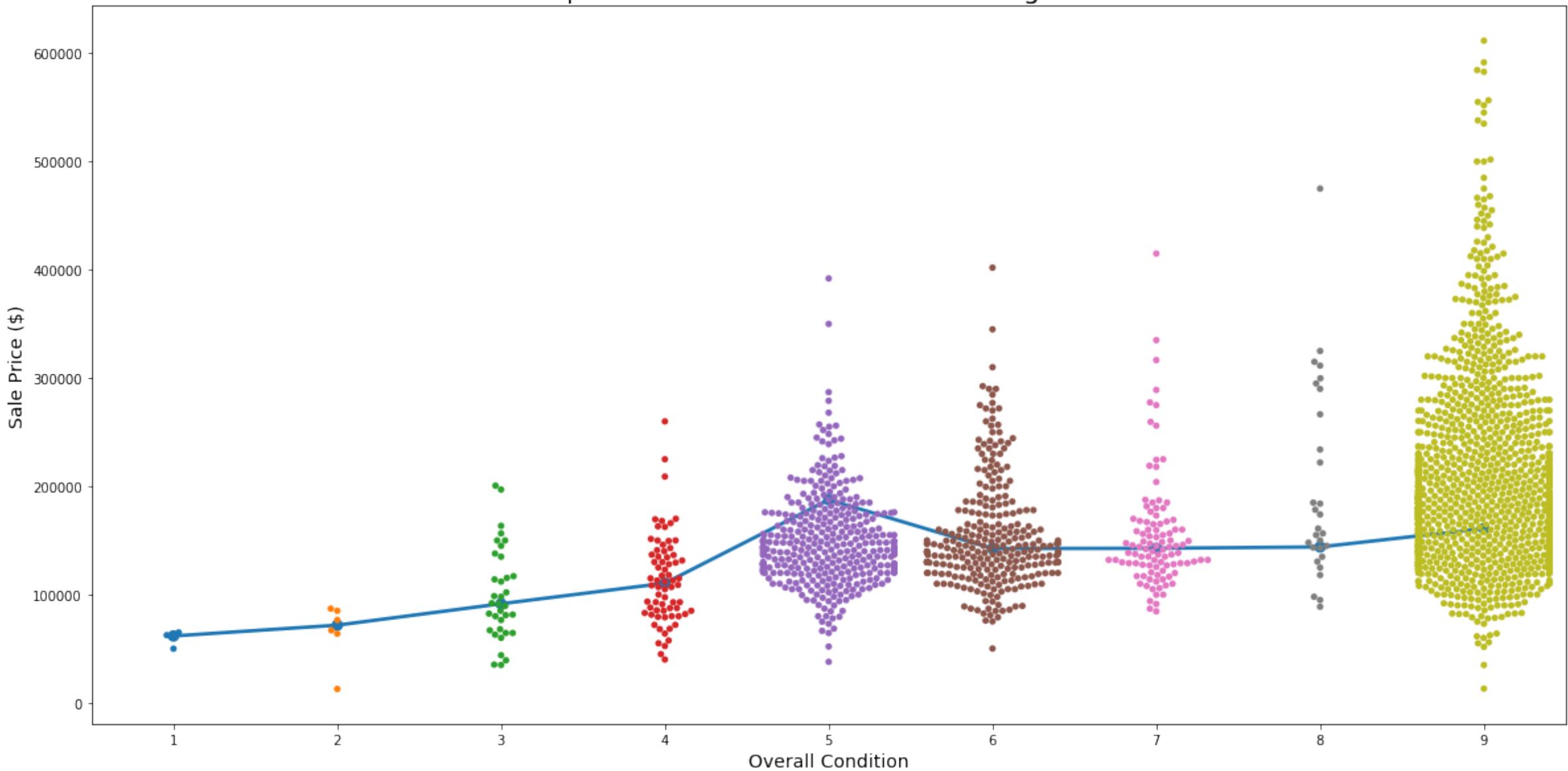


# Using Data To Predict Housing Prices

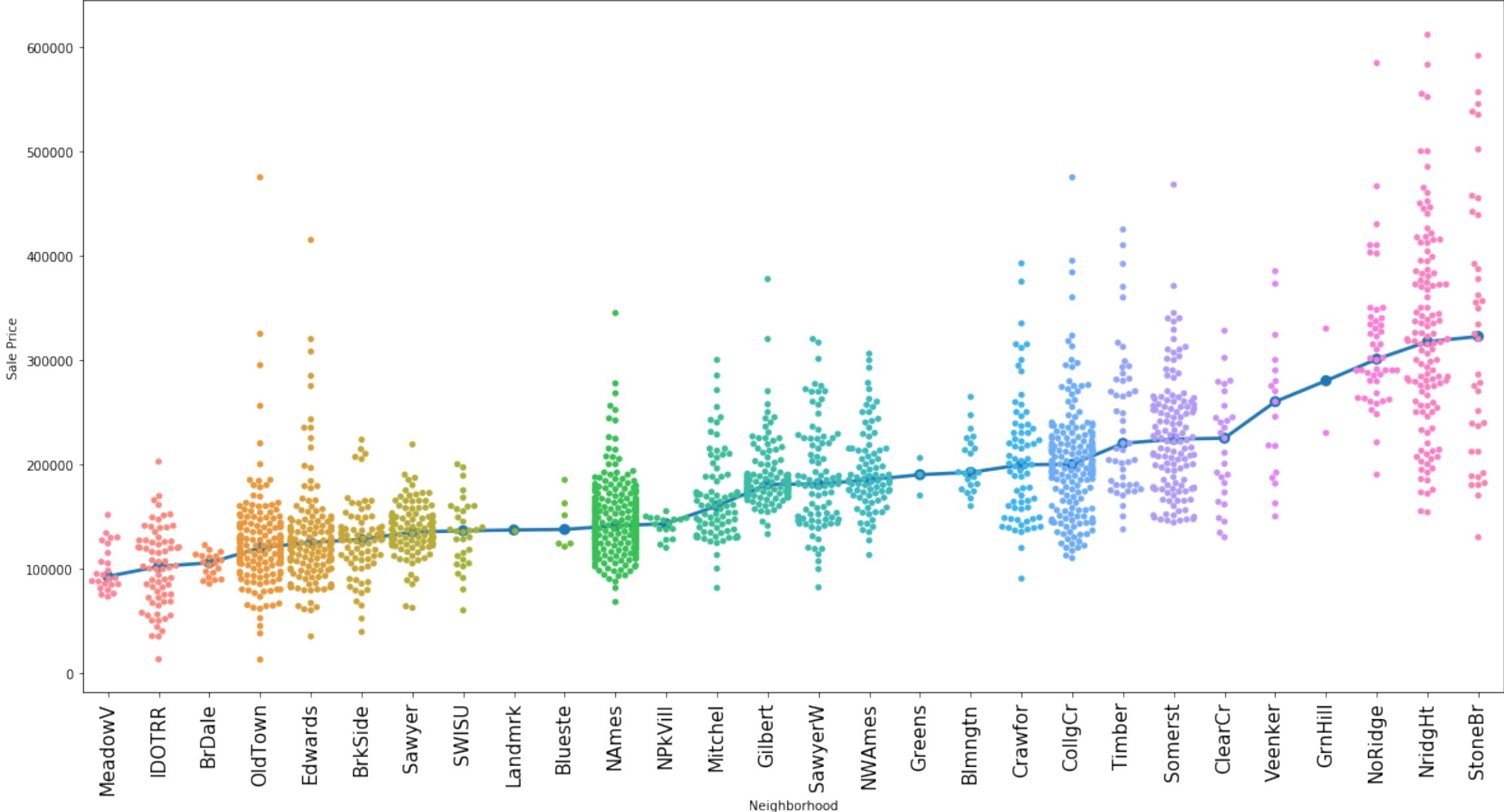


By Daniel Stern--  
Data Scientist, Iowa Real Estate Investment Consortium

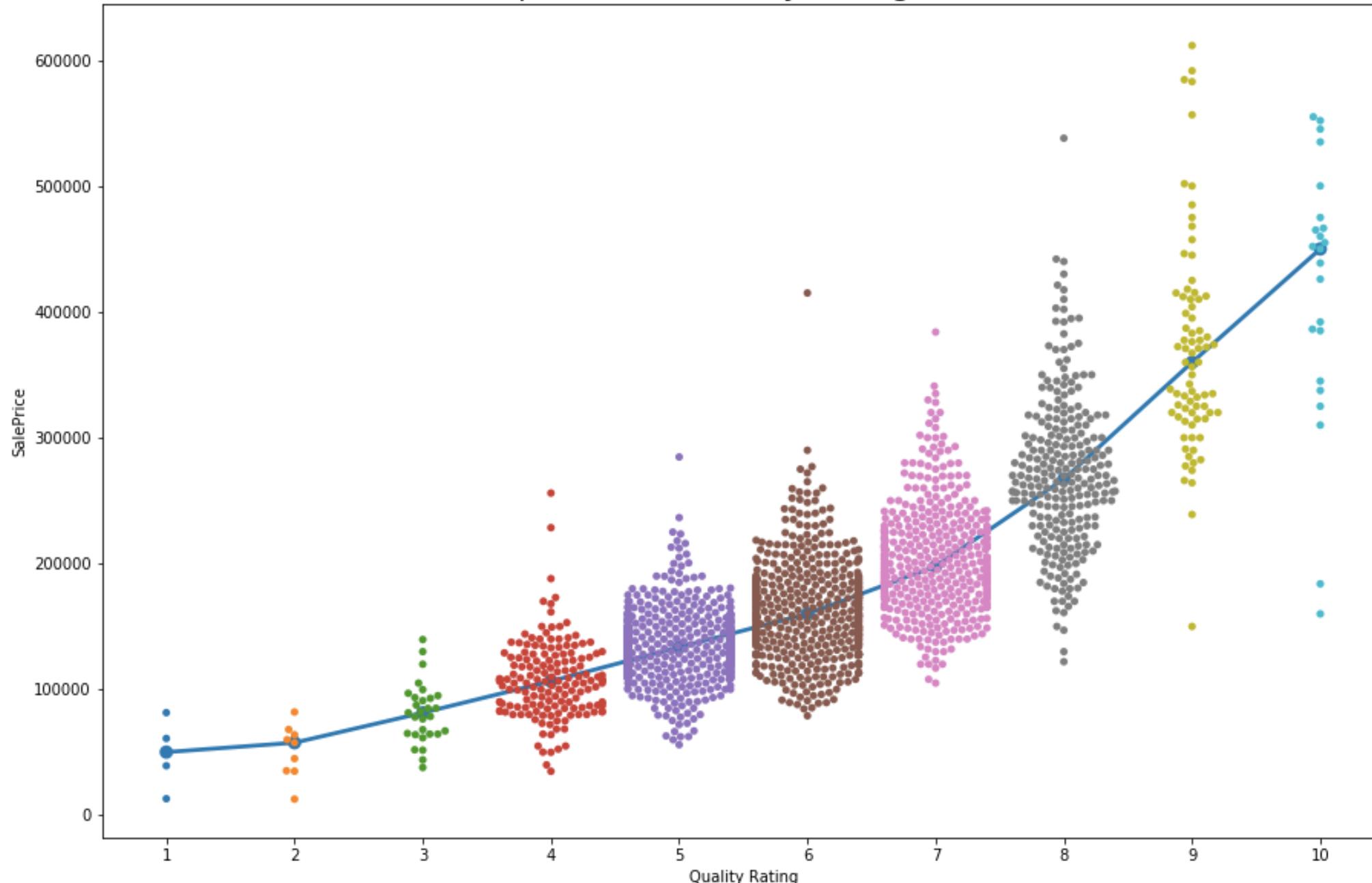
### Relationship Between Overall Condition Rating And Sale Price



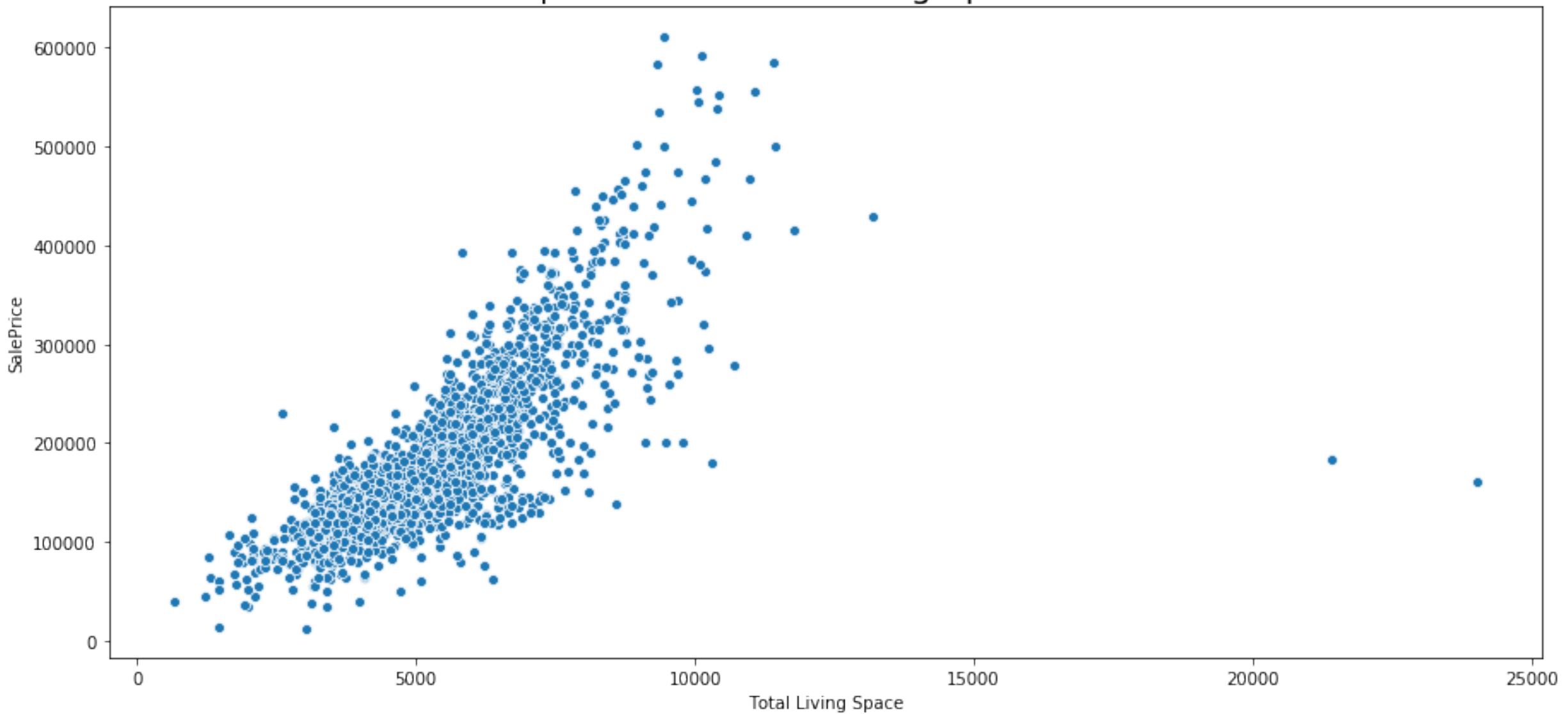
### Neighborhood by Sale Price



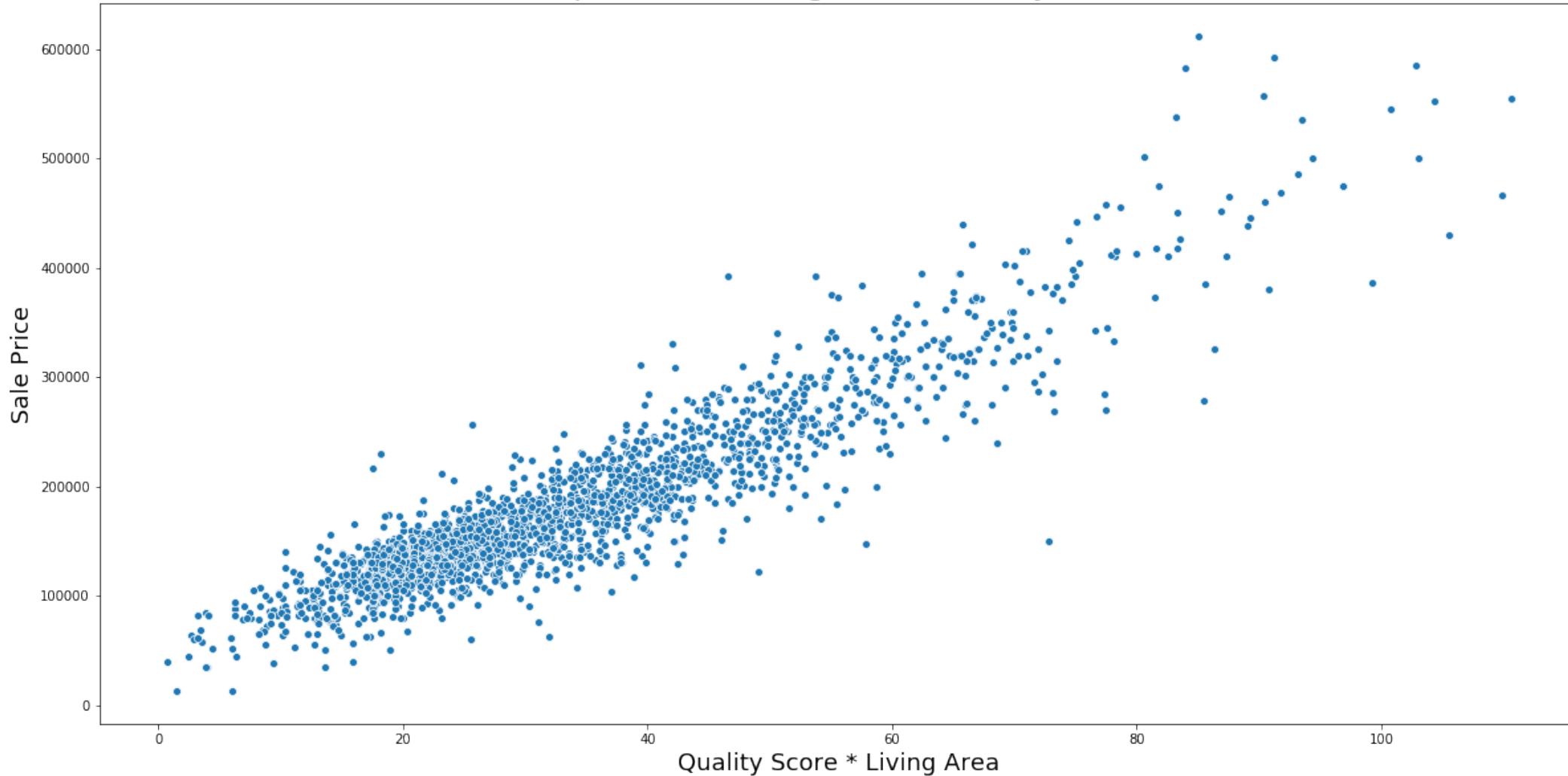
## Relationship Between Quality Rating and Sale Price

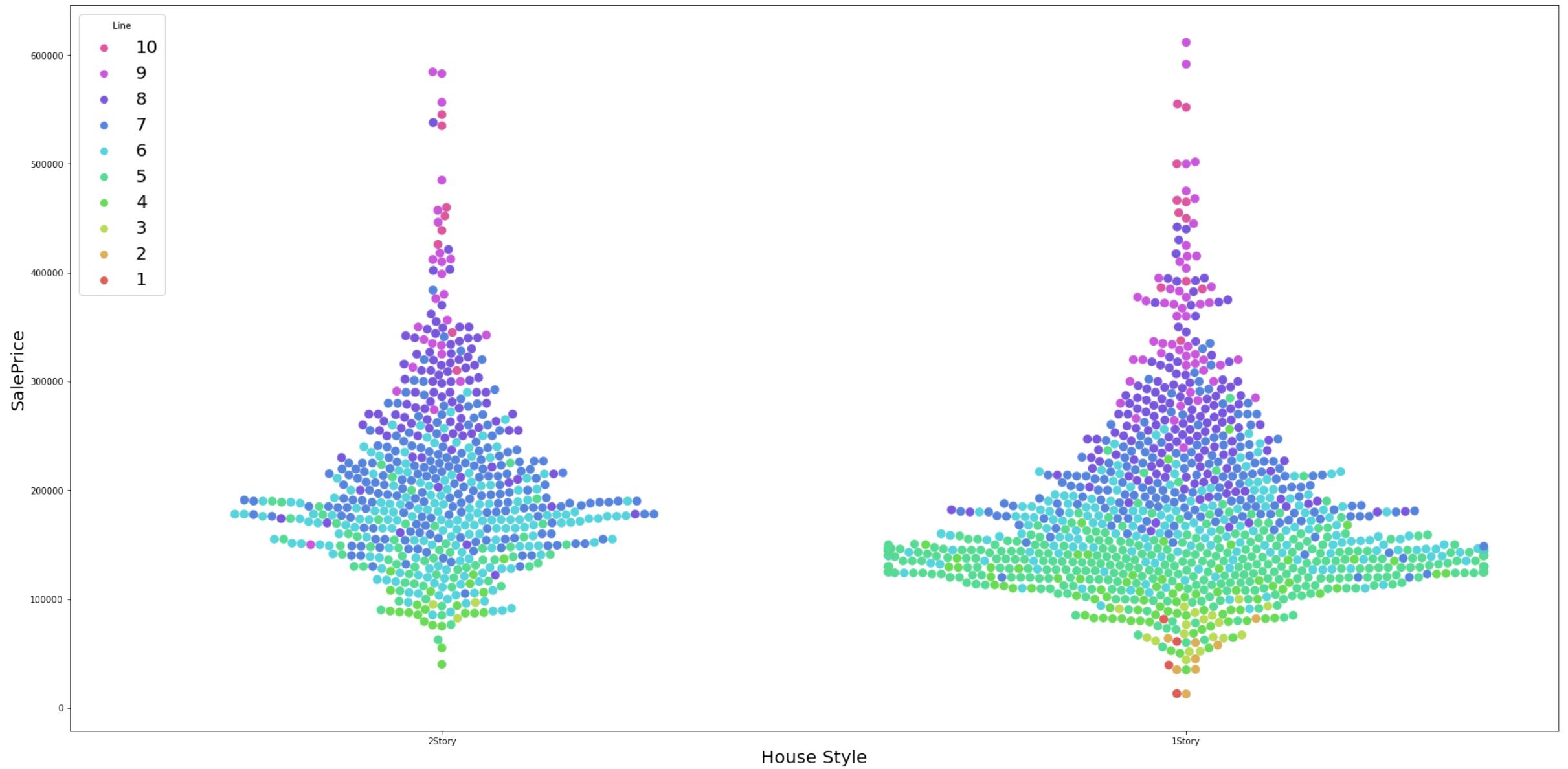


## Relationship Between Total Living Space and Sale Price



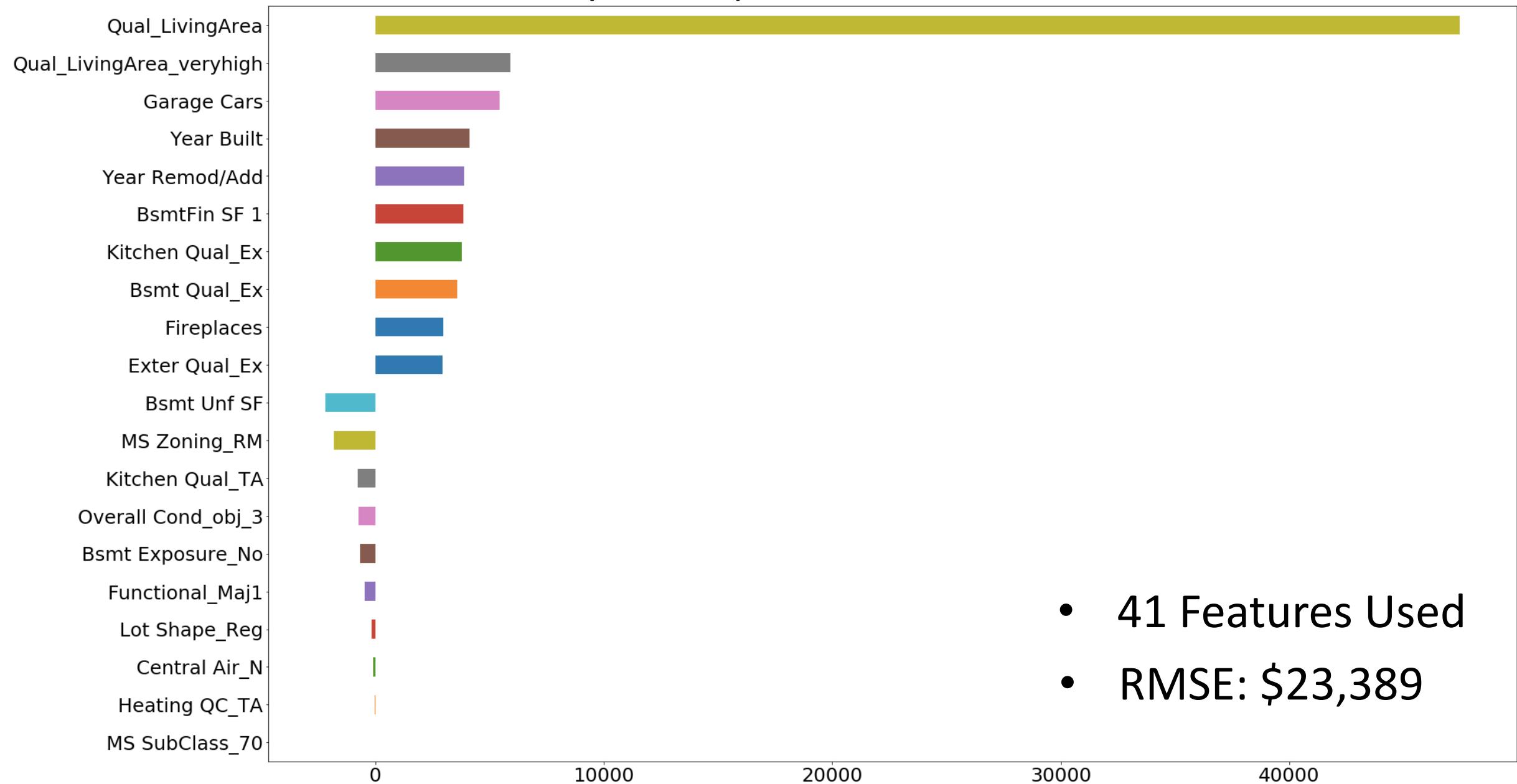
Relationship Between Living Area + Quality and Sale Price

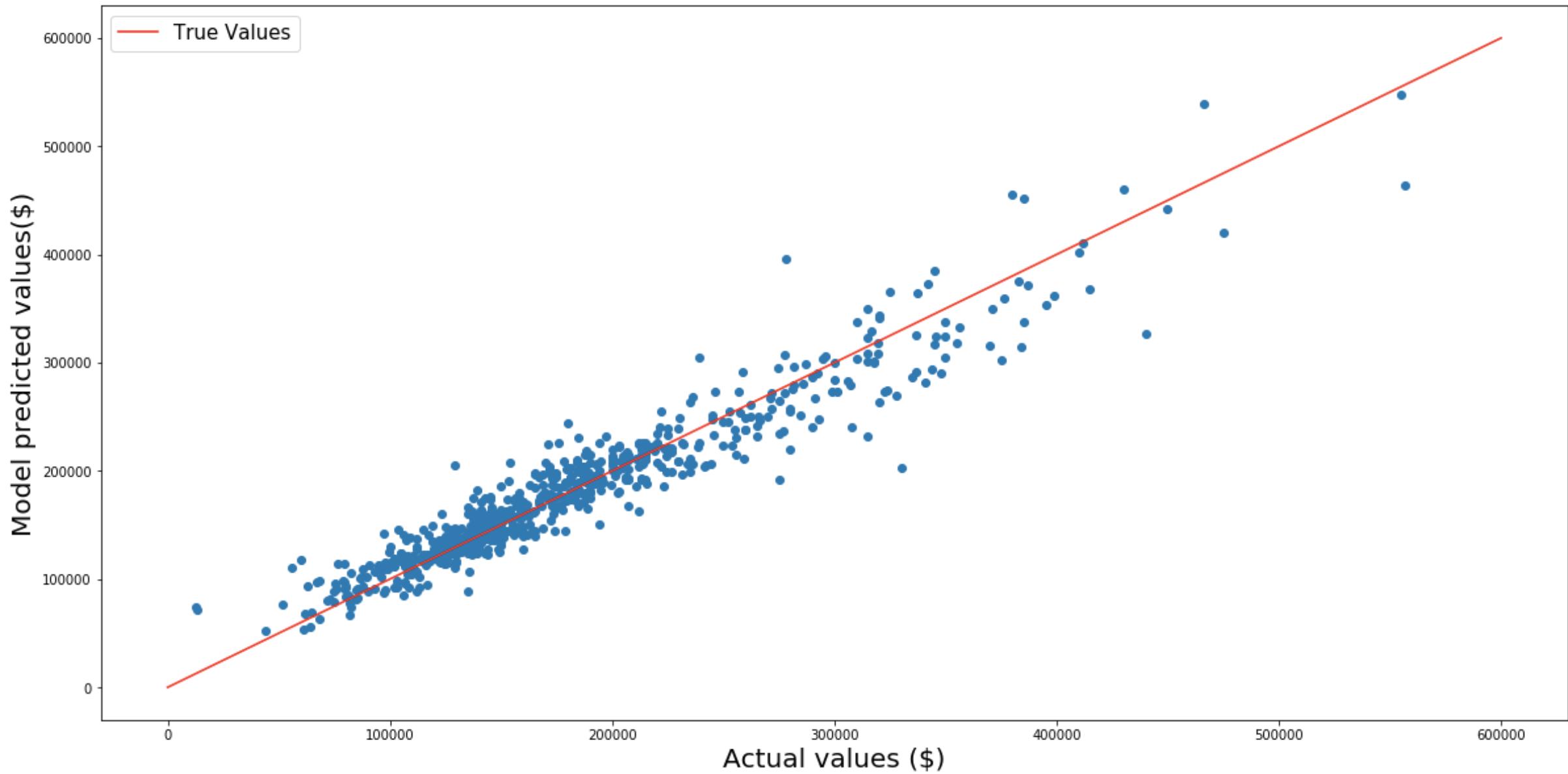




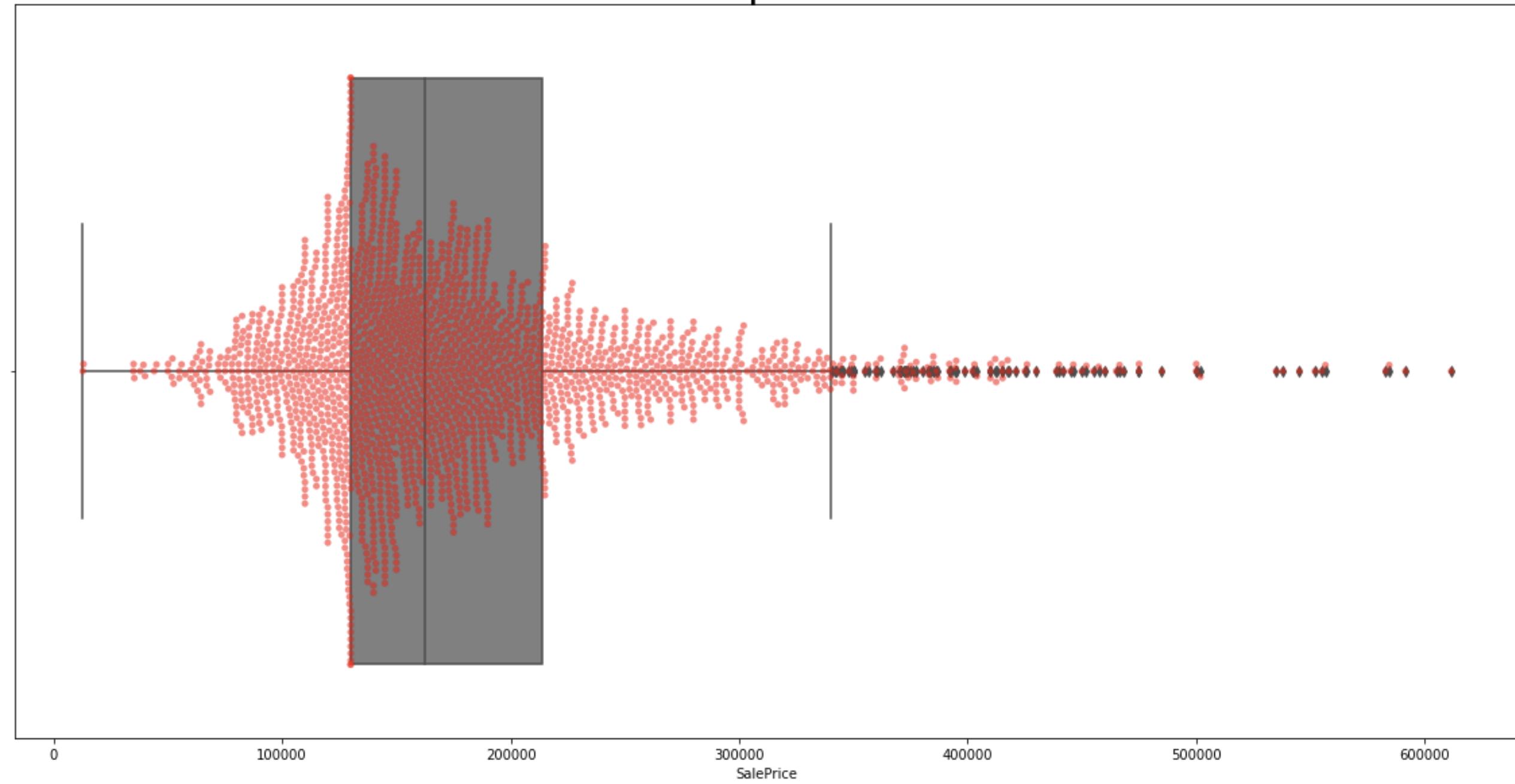
# Most Important Features and Weights

y-intercept: \$181,364

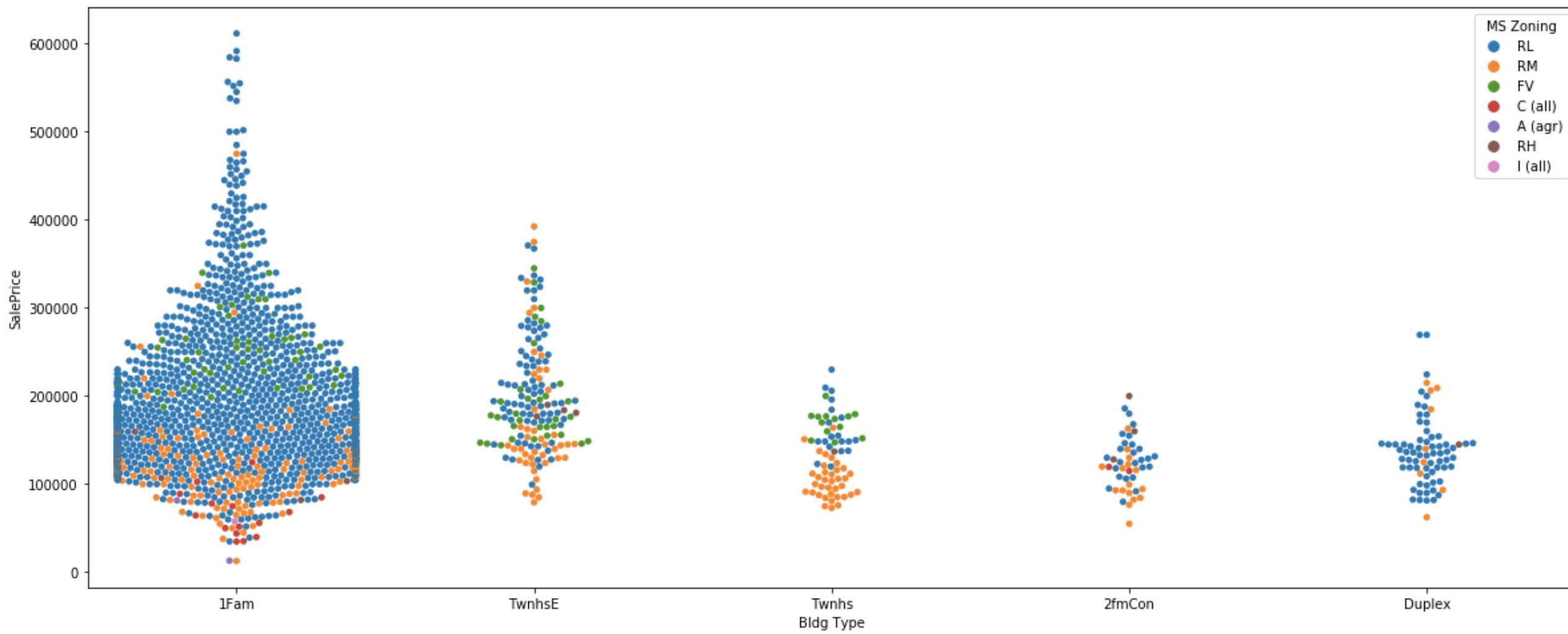




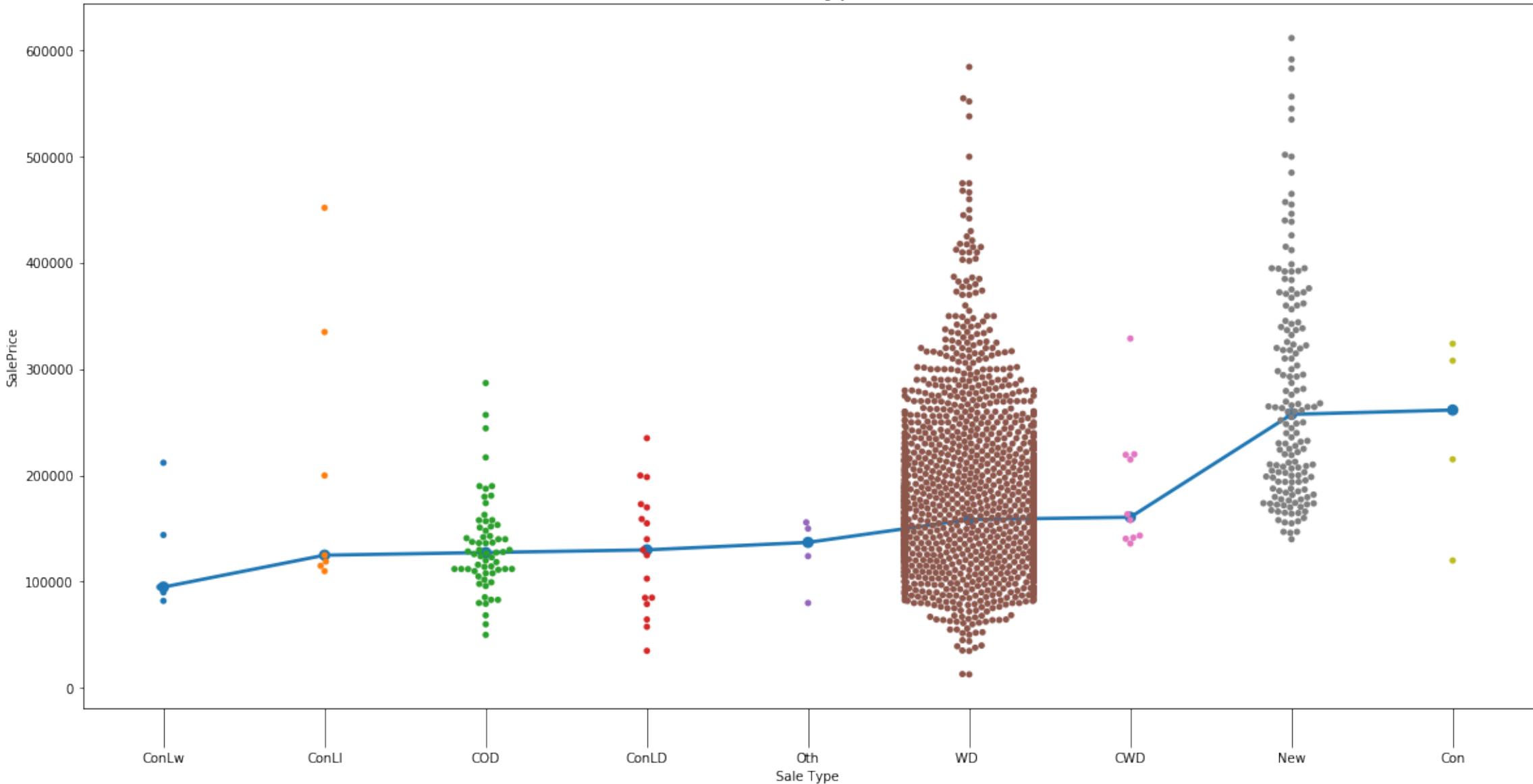
# Distribution and Spread of Sale Prices

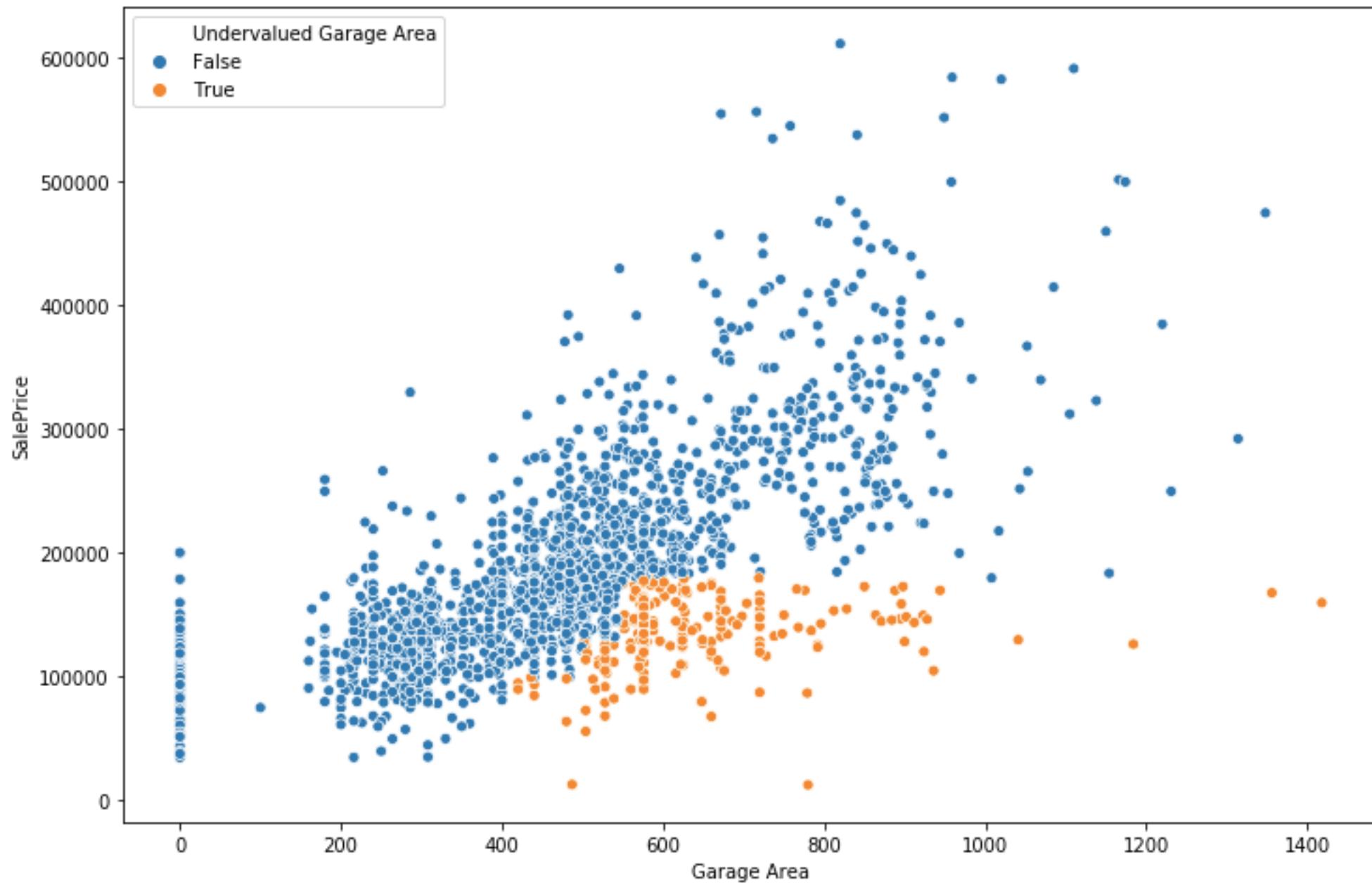


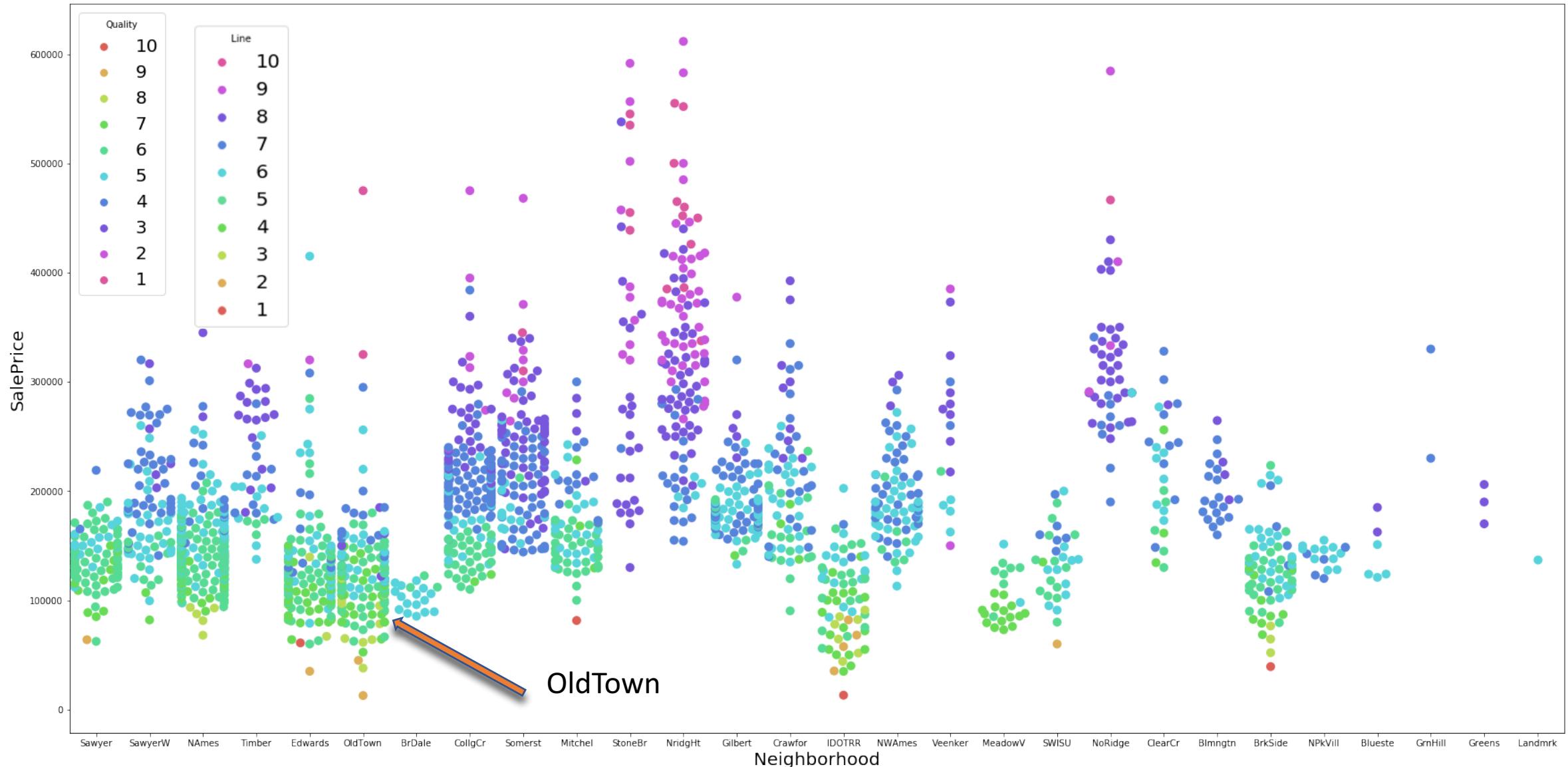
# Relationship Between MS Zoning and Sale Price



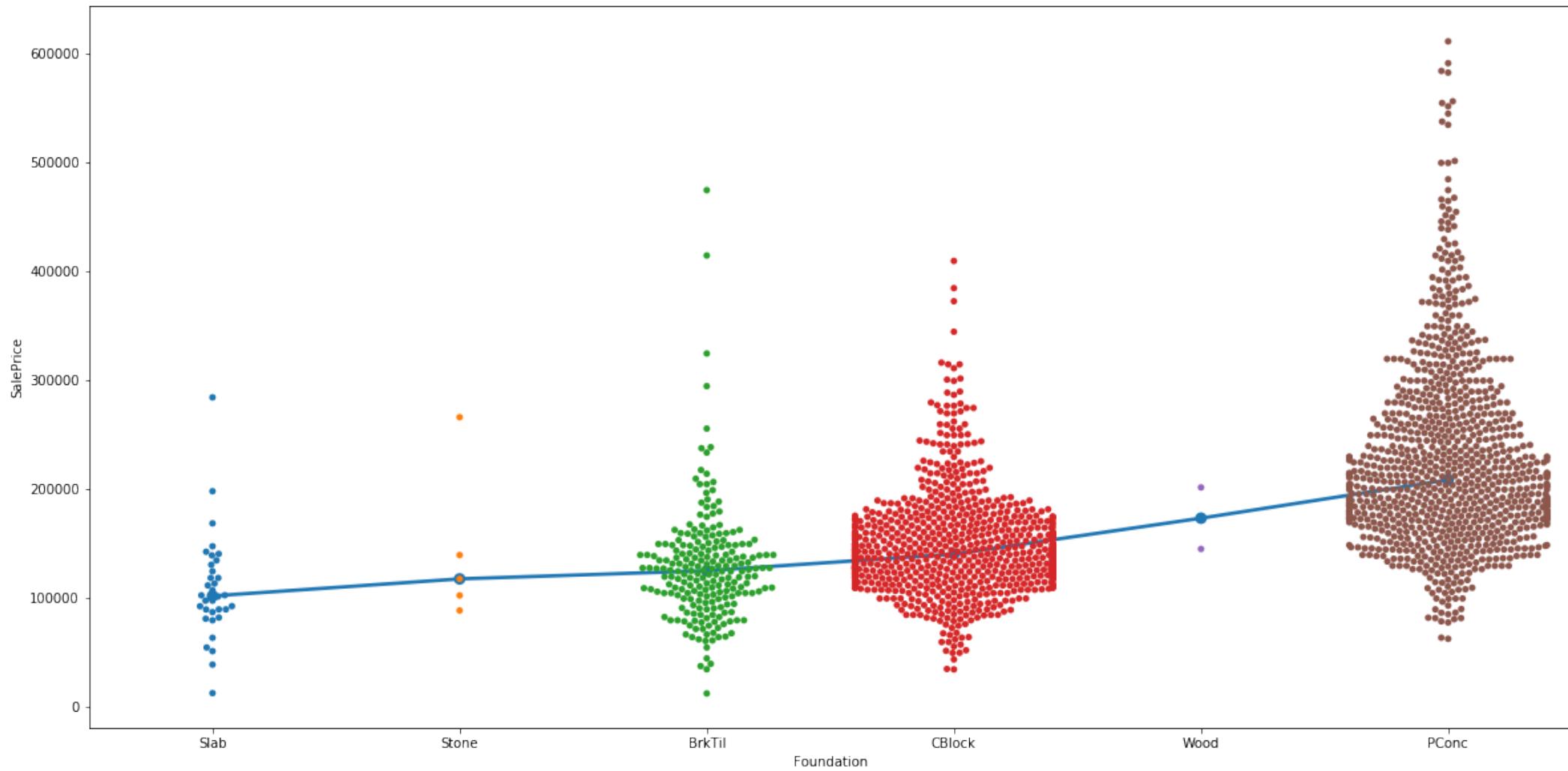
## Sale Type



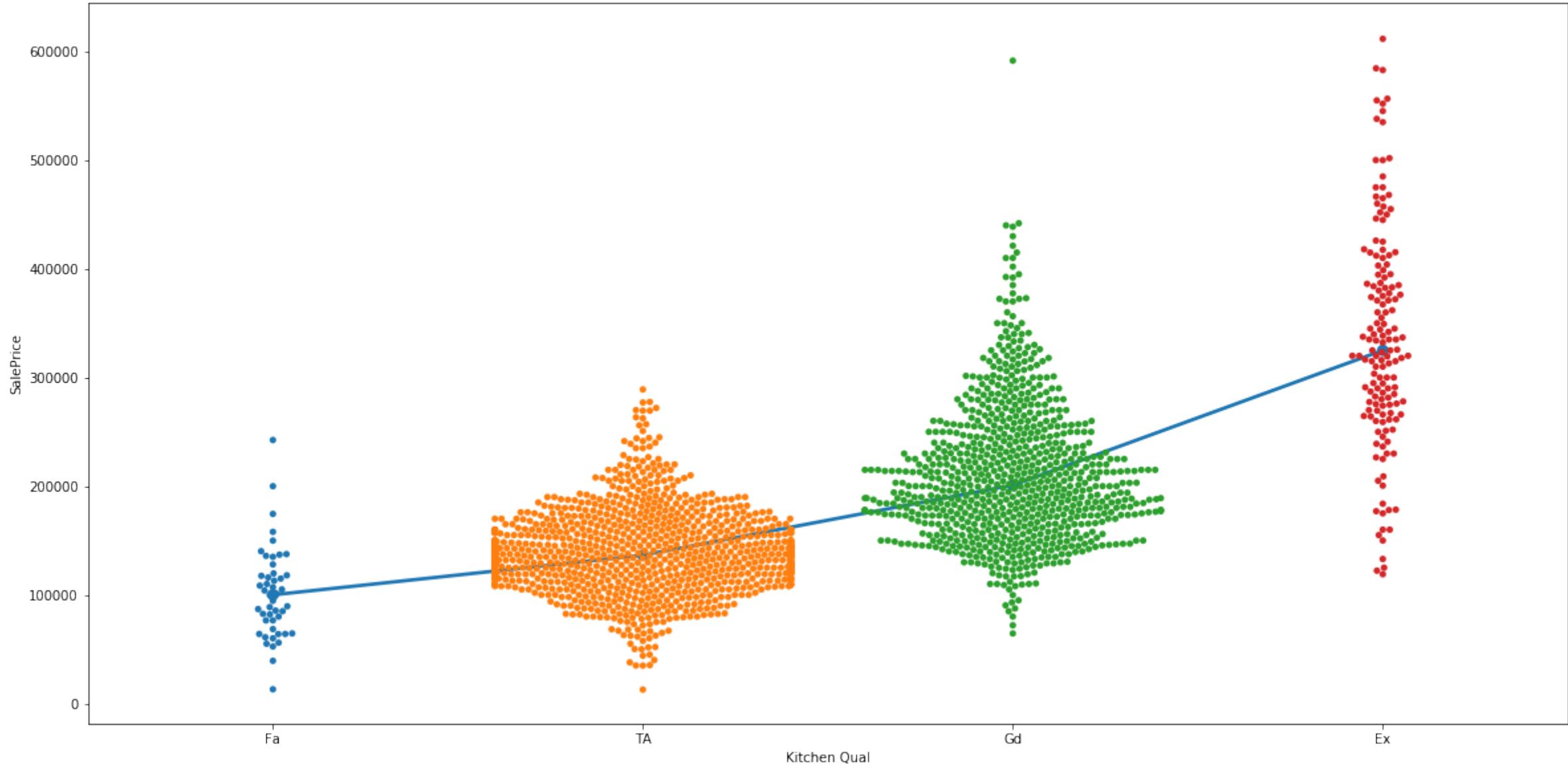




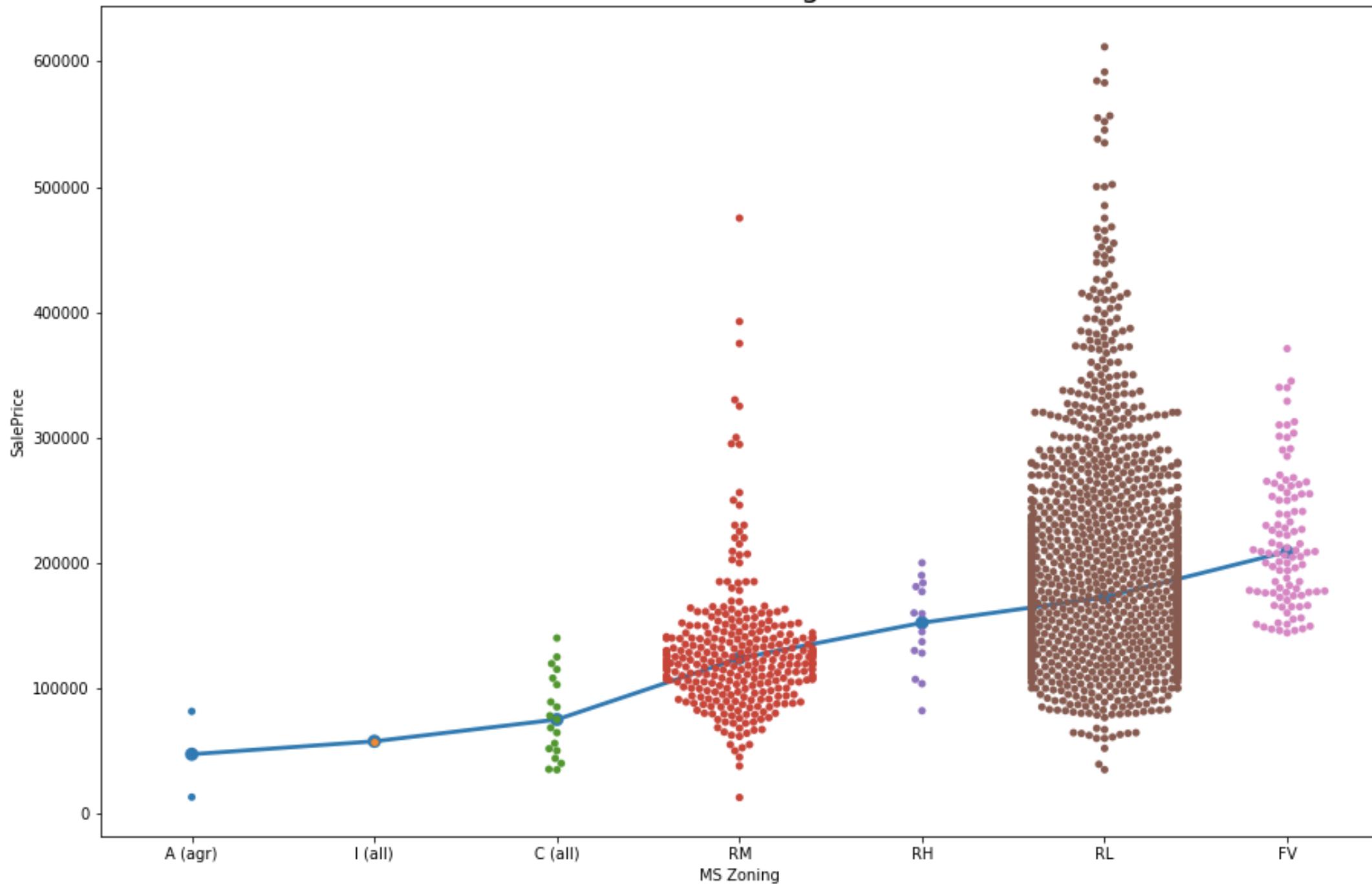
## Foundation



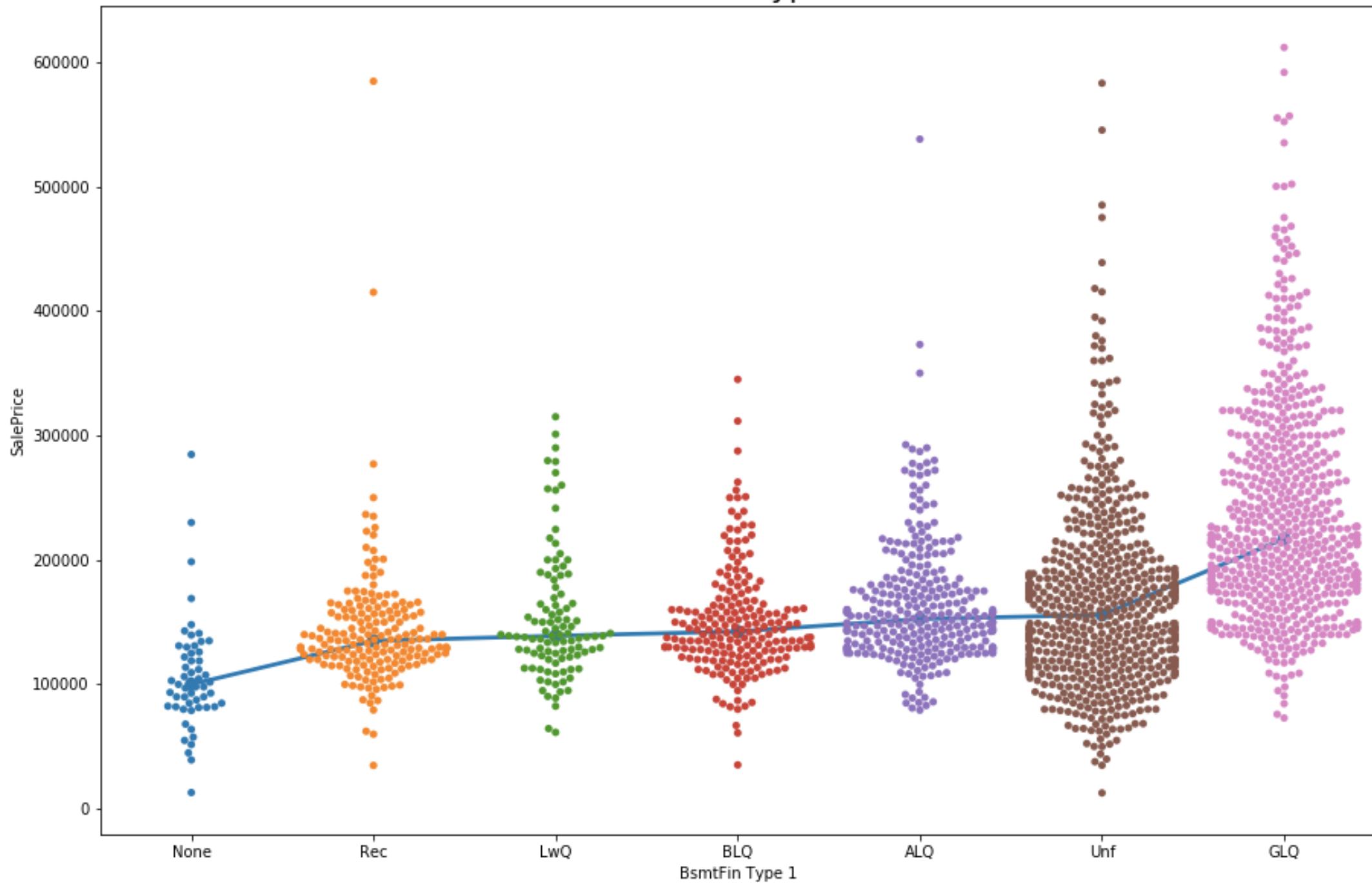
## Kitchen Qual



## MS Zoning



# BsmtFin Type 1



Sale Price by Year Remodeled

