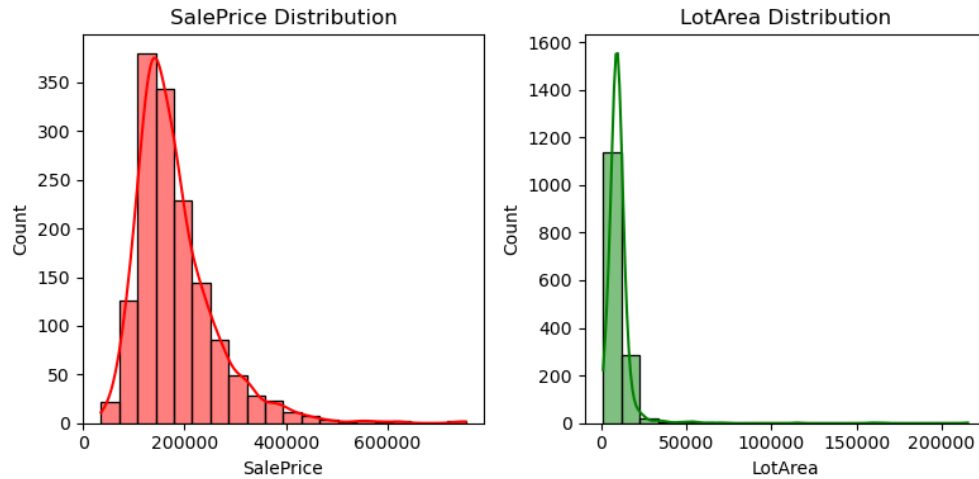
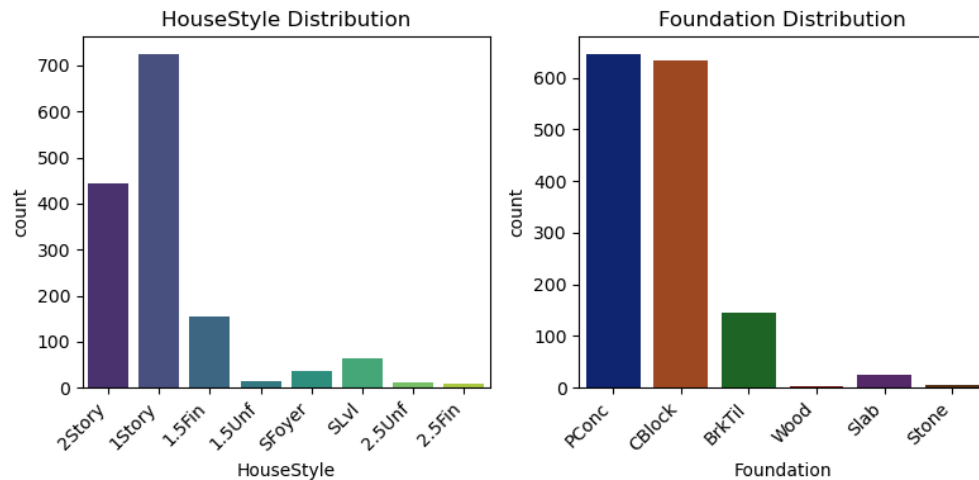


Data Distribution

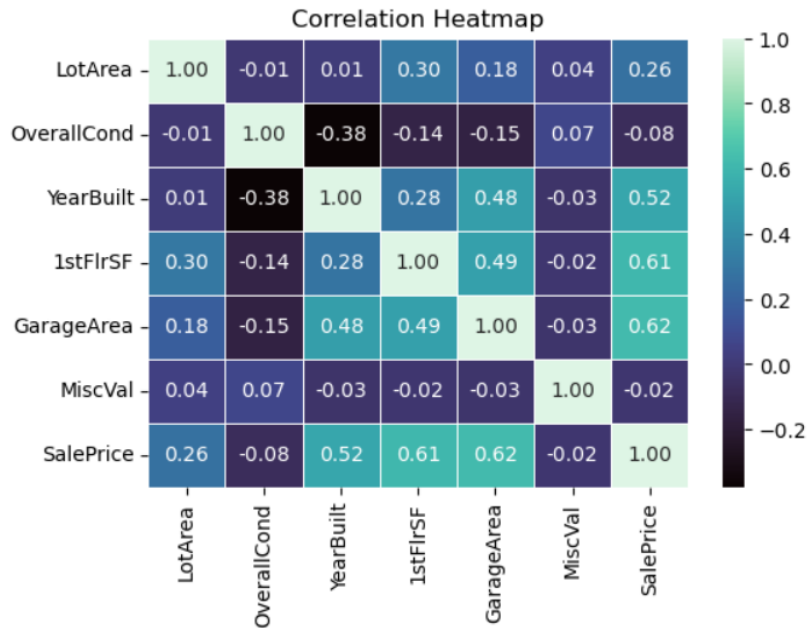


- Both distributions are right-skewed, suggesting outliers within the upper-limit
- Most houses are priced around \$1 million
- House lots tend to be smaller (under 11,000 sq. ft.), typical for suburban neighborhoods

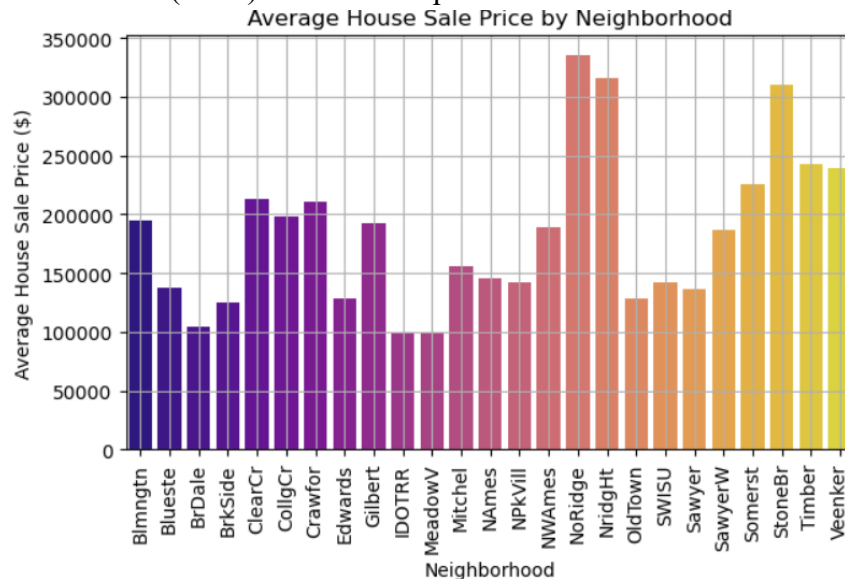


- Most homes are designed with a single-story style (around 700), which might be because of greater accessibility and lower construction costs
- Majority of house foundations are made with poured concrete and census block, which may be due to their durability and strength

Visualizing Relationships



- Strong positive correlation with Garage Area (0.62), First Floor sq ft. (0.61), and the Year the house was built (0.52) with Sales Price
- Moderate positive correlation between LotArea (0.26) and SalePrice
- Weak negative relationship with Overall Condition Rating (-0.08), Value of Miscellaneous features (-0.02) with main dependent variable



- The top 3 neighborhoods with the highest house sale price on average are: NWAmes, NoRidge, Somerst
- BrDale had the lowest average house sale prices
- Average house sale price is at least \$90,000 and above per neighborhood