

Ames Housing Price



Rex Chang

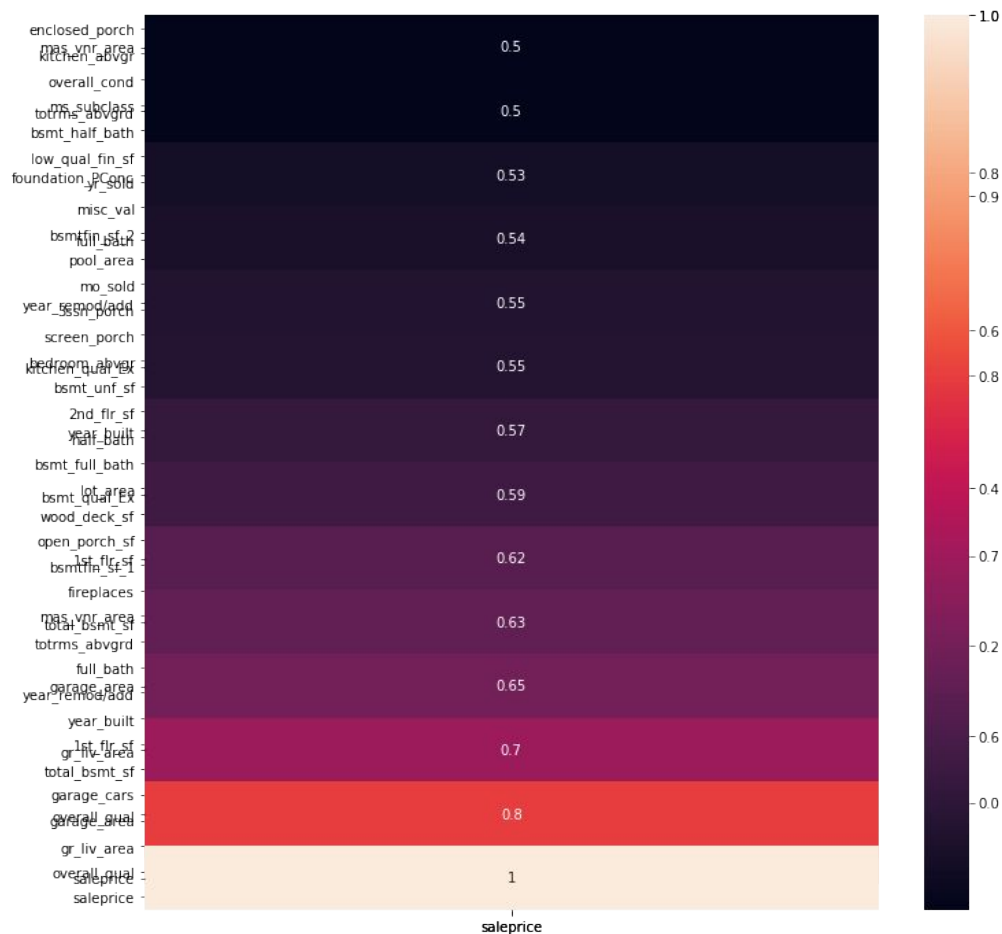
Why Ames?

1. Zillow have Ames housing price available, WE DON'T!
2. What kind of features should we be looking at?

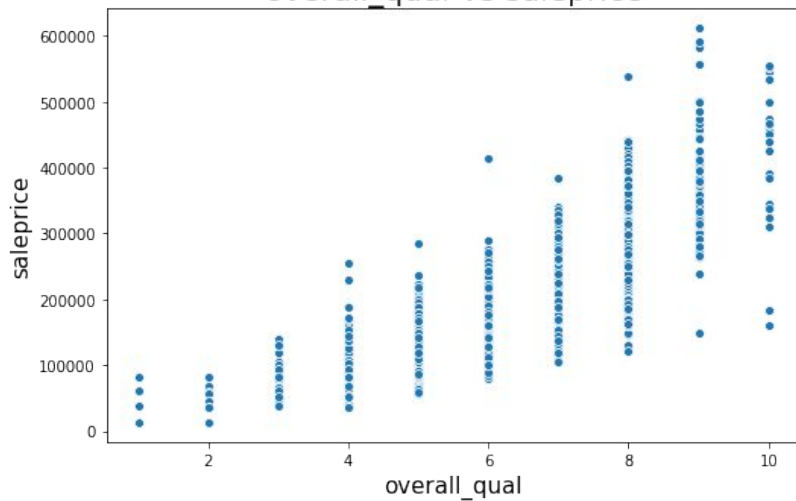
The image is a collage of three real estate website screenshots. The top-left screenshot is from Zillow, showing a map of Ames, IA, with numerous red and blue location pins. The top-right screenshot is from 'Ames IA Real Estate', displaying a grid of 'Homes for Sale' with details like price, bedrooms, and bathrooms. The bottom-right screenshot is from Redfin, featuring a large house image and a search bar. A white pop-up message from Redfin is overlaid on the bottom-right, stating: 'Sorry, Redfin isn't in Ames yet. Sign up below to be notified when we expand to your area.' The pop-up includes an email input field and a 'Submit' button. At the bottom of the Redfin page, there is a footer text: 'We're full-service, local agents who get to know you over coffee and on home tours, and we use online tools to make you smarter and faster. More than 10,000 members have moved to homes with us online.'

Feature Selection

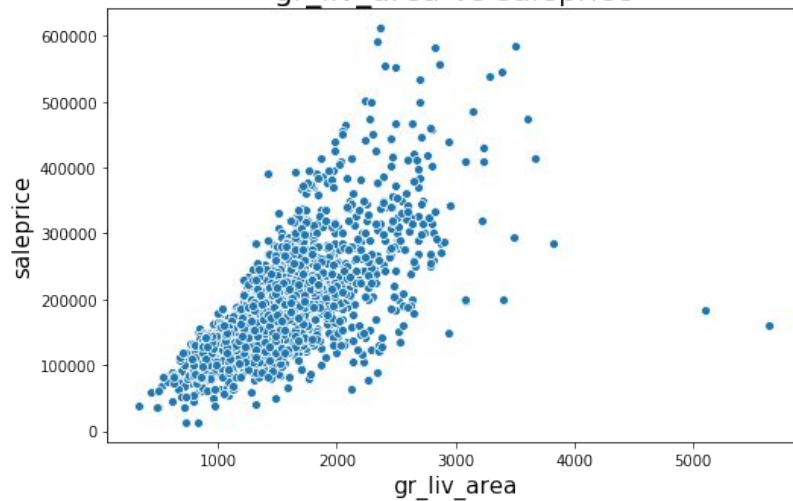
Data Cleaning and Feature Selection



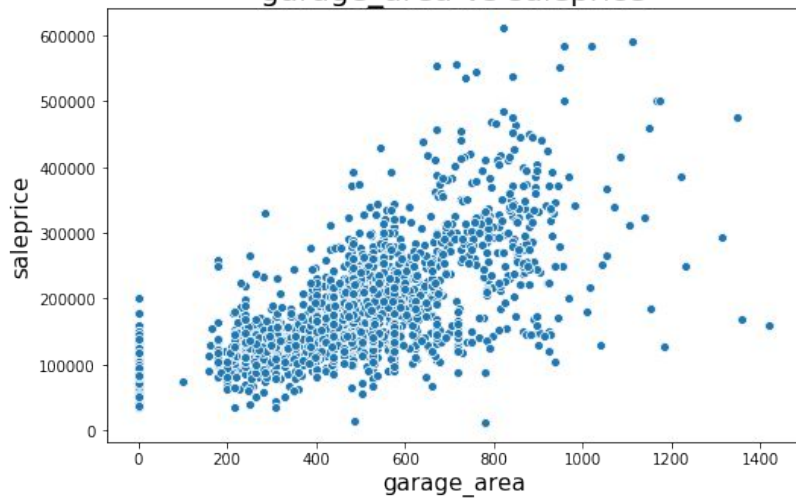
overall_qual Vs saleprice



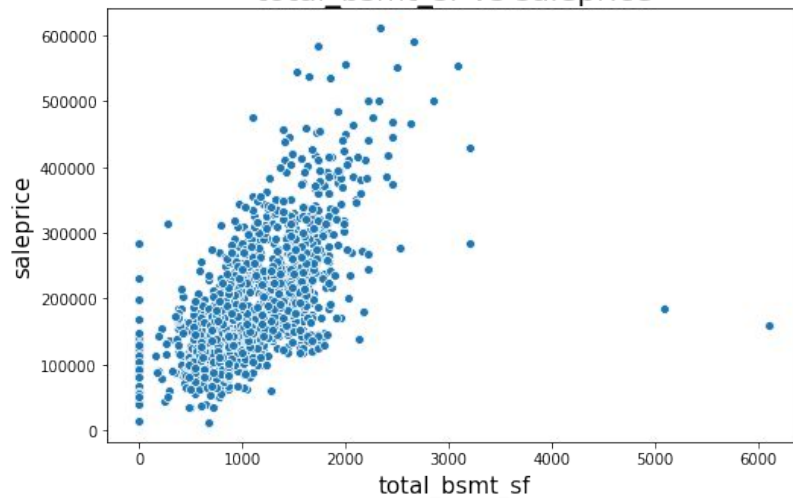
gr_liv_area Vs saleprice



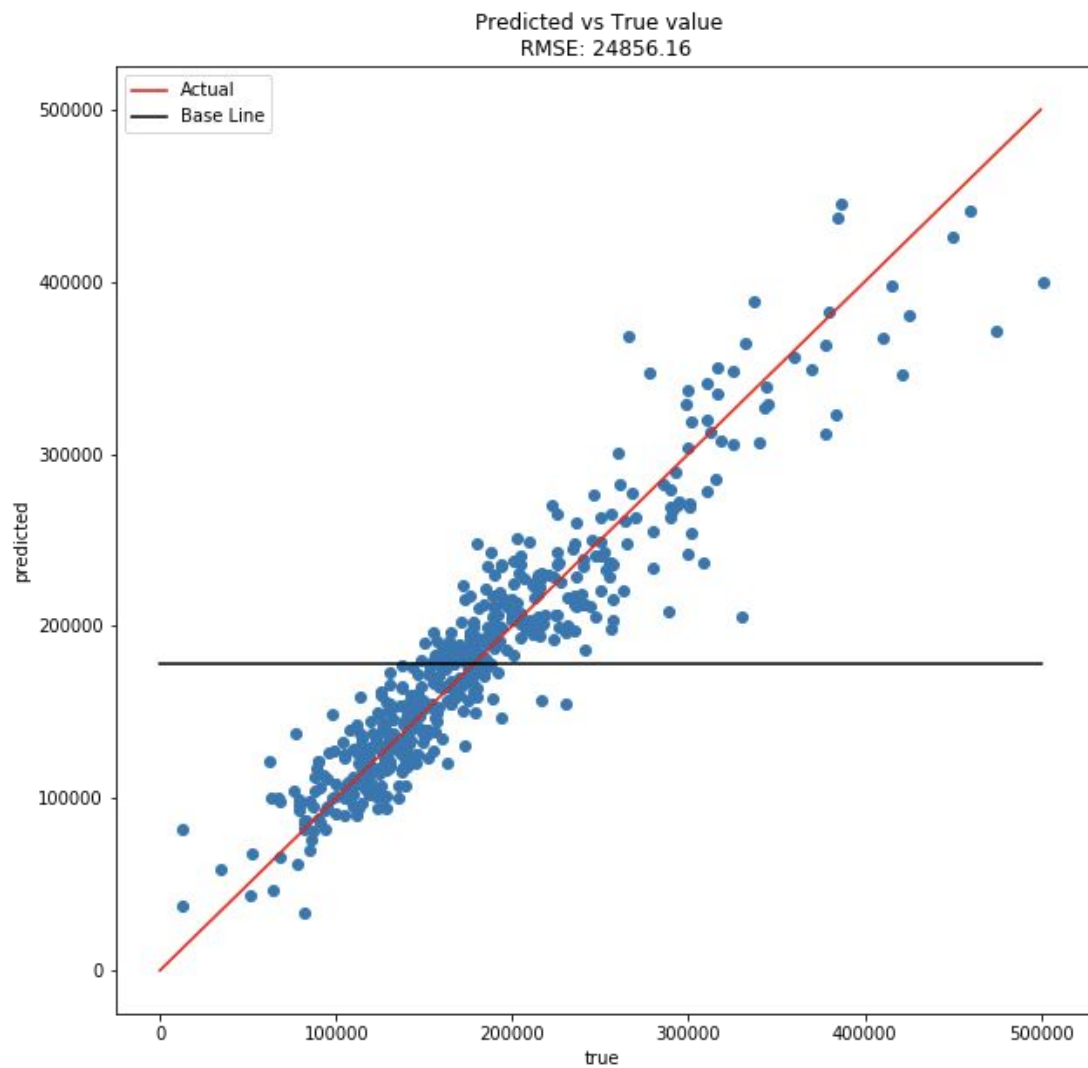
garage_area Vs saleprice



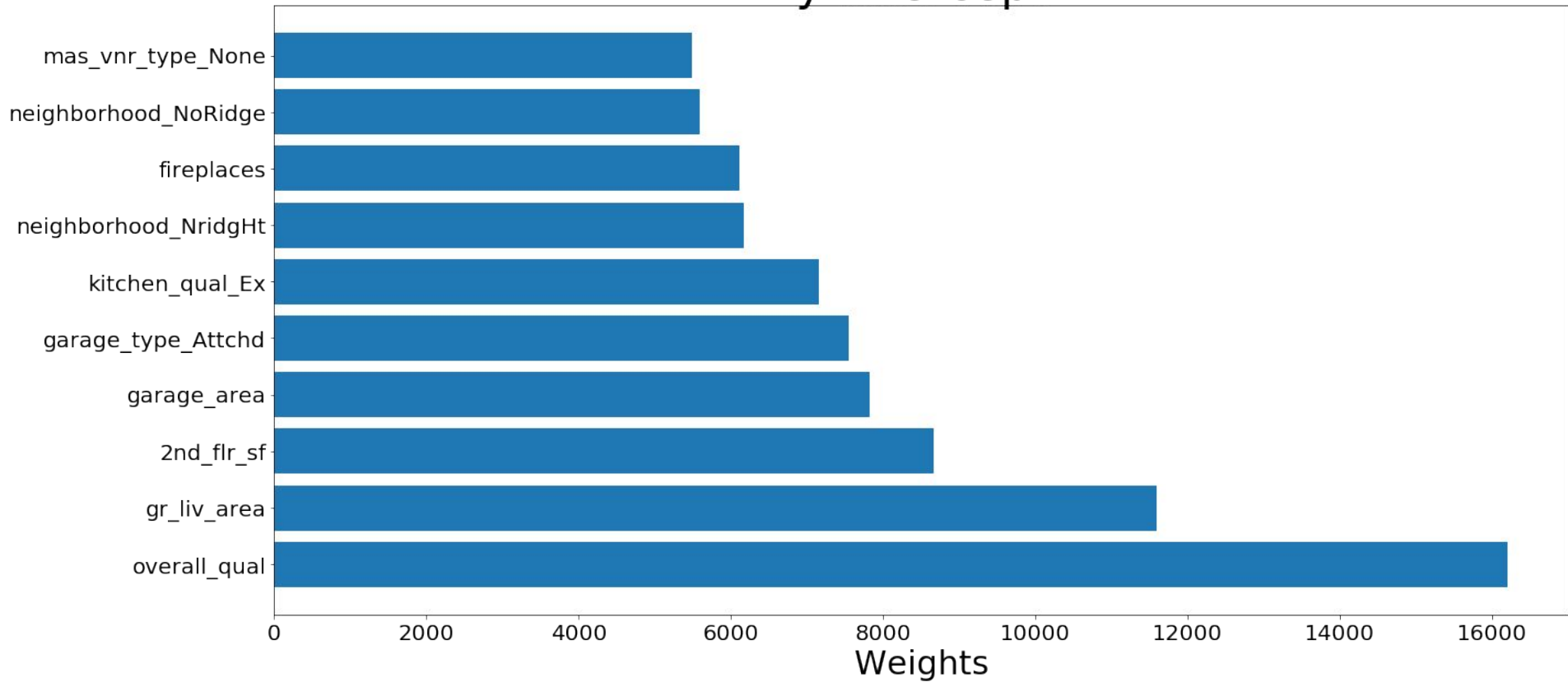
total_bsmt_sf Vs saleprice



Model



Most Important Features and Weights y intercept



Thank you!

Any questions ?

The Redfin logo consists of a solid red square. Inside the square, the word "REDFIN" is written in a white, bold, sans-serif typeface. The letters are evenly spaced and centered within the square.

REDFIN