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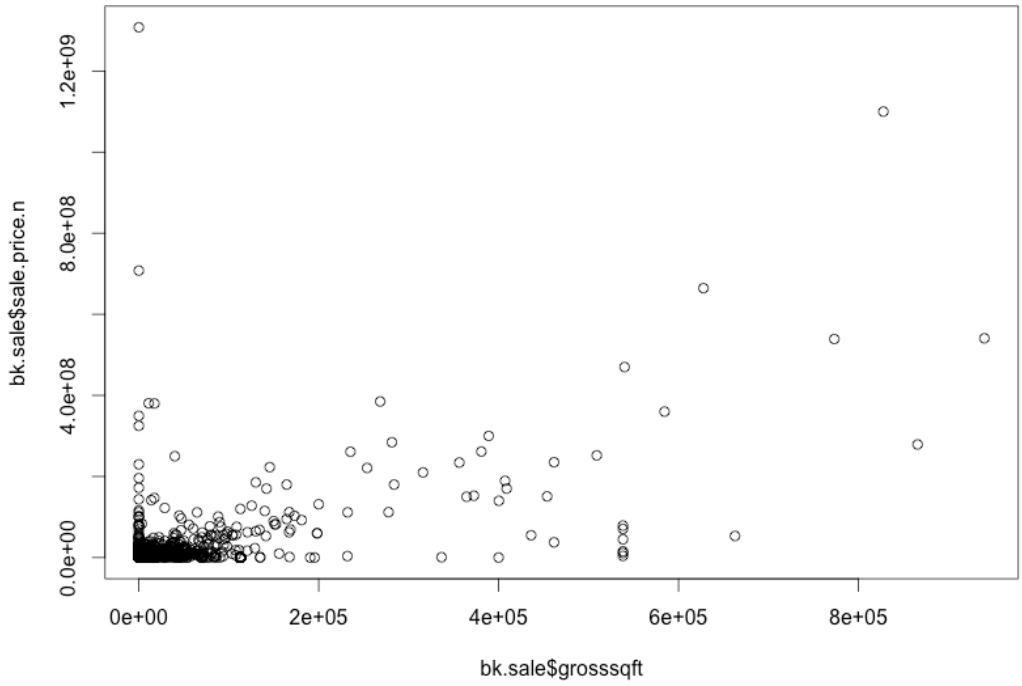
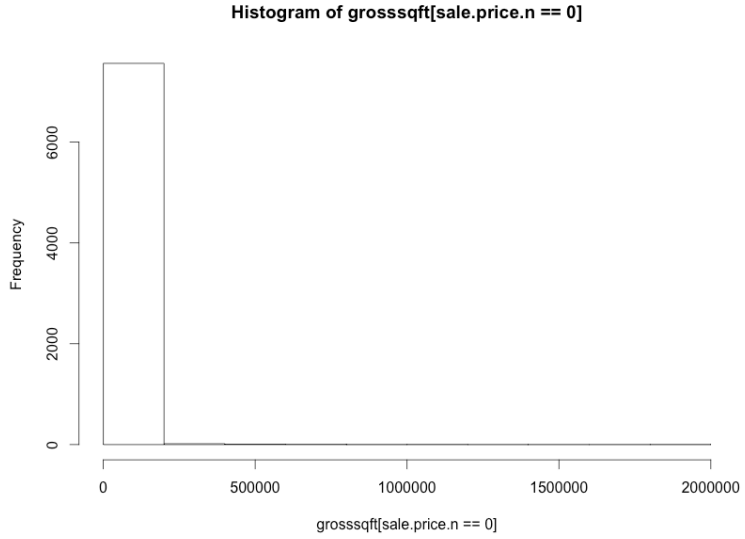
CSE 587

DATA INTENSIVE COMPUTING

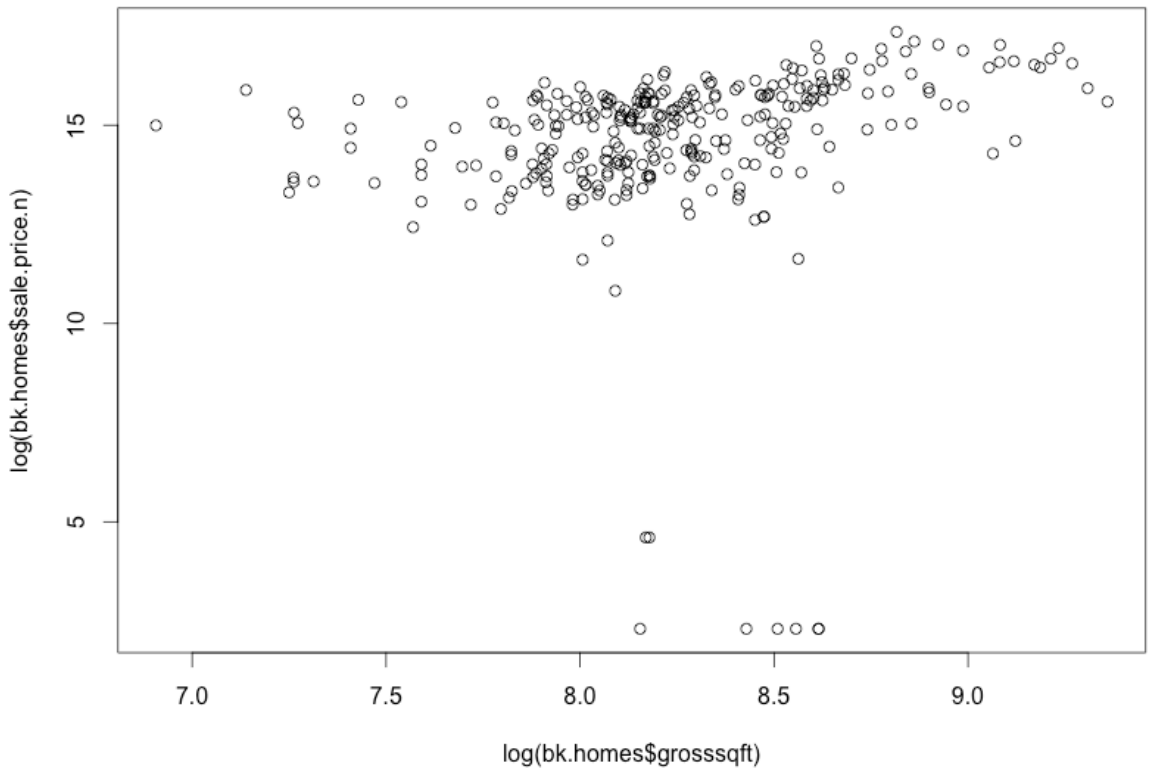
PROJECT1 – PART 3 – REPORT



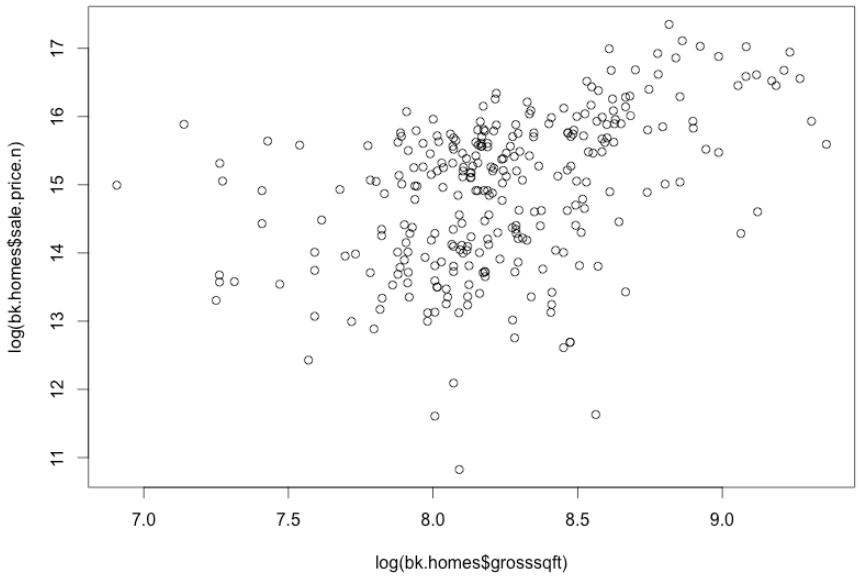
A plotting of the sales price against the land area of each apartment shows us that for Manhattan, the lower the land area the higher the chance that the apartment is sold and that whether or not the apartment is sold is also dependent on the fact that smaller homes are usually inside the city.



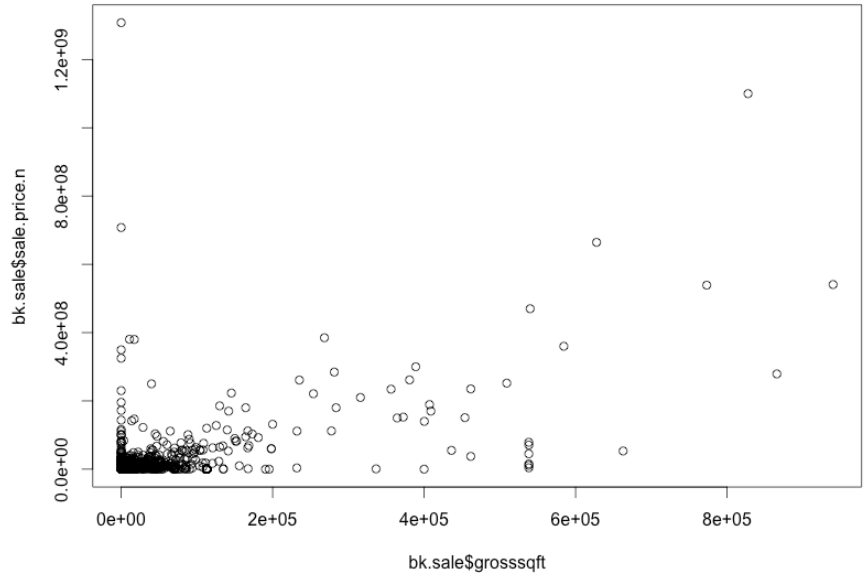
A histogram of the sales price is generated.



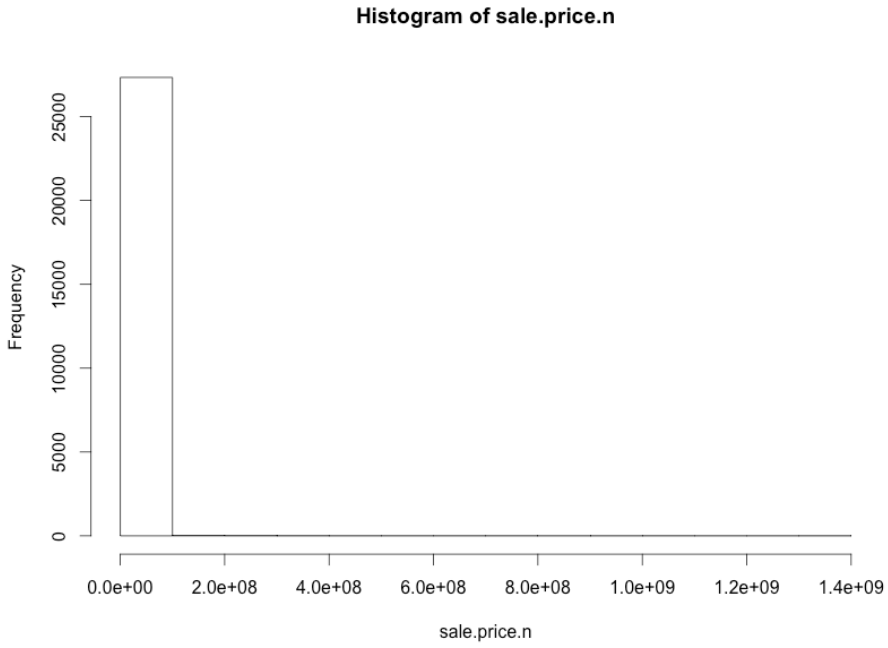
A different plotting of the gross land area and the sales price is being shown.



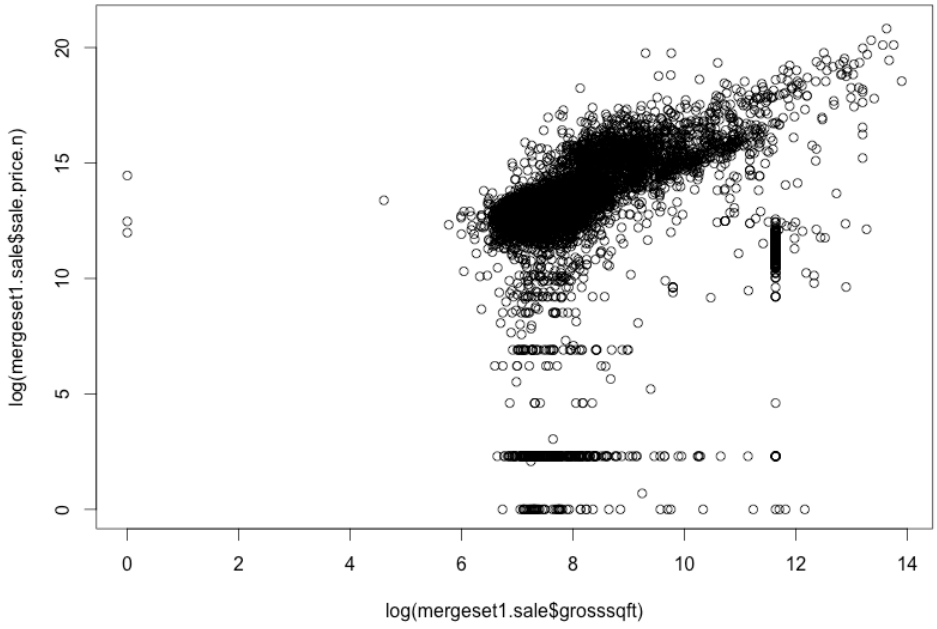
A logarithmic value comparison is made and the plotting is done for the sales price and the gross square feet. We can see that the middle values between 8 and 8.5 gives us the highest amount sales.



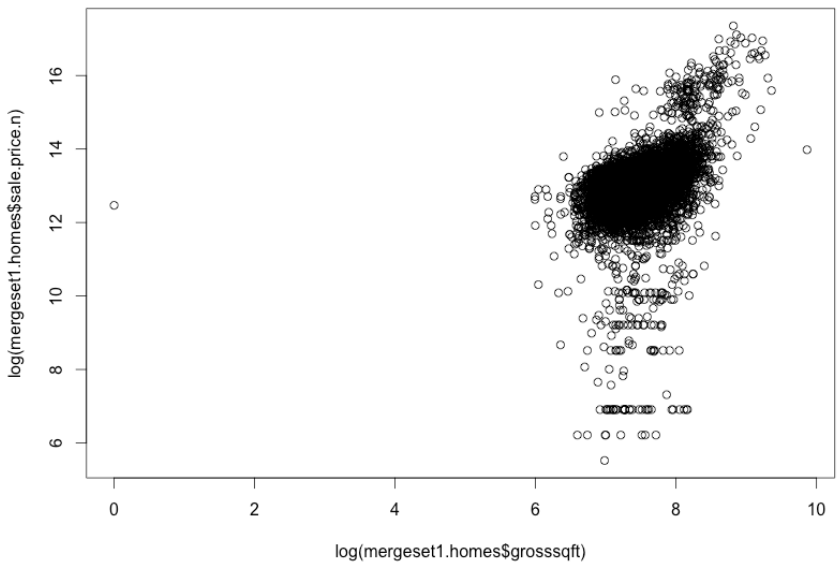
A histogram of the sales price is displayed below



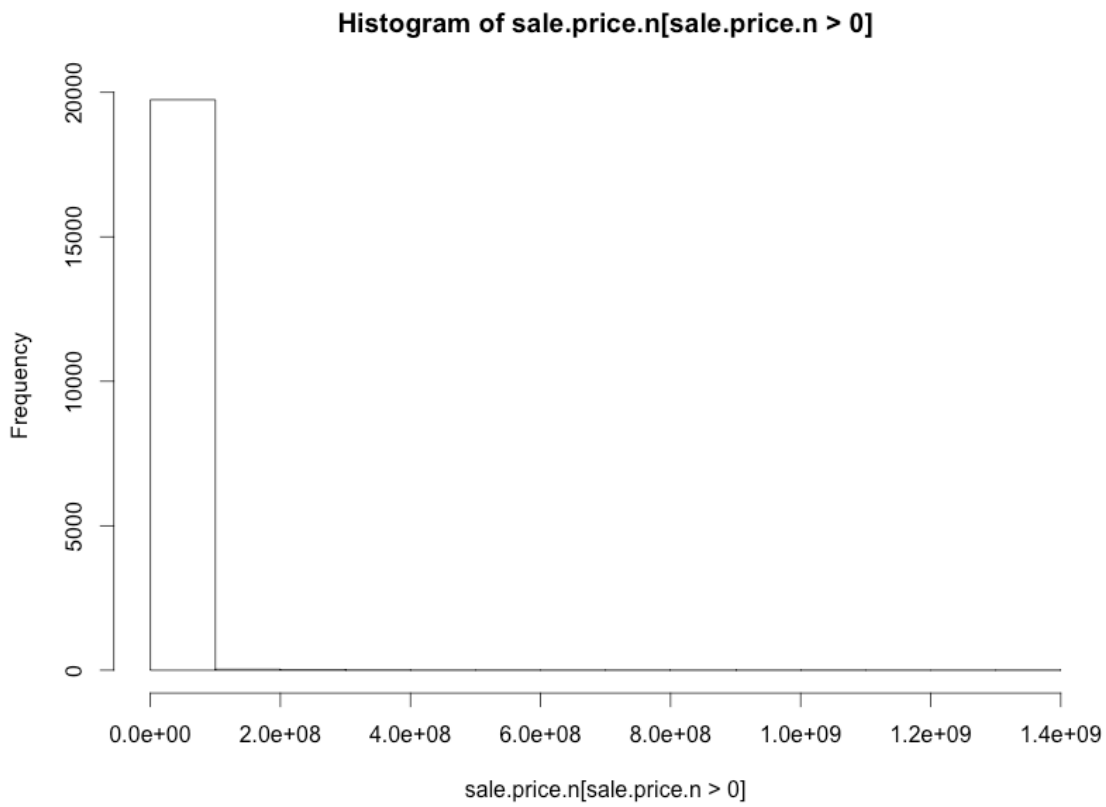
EXTENDED ANALYSIS ACROSS ALL THE AREAS



Merged graph plotting the Gross land area (sqft) vs the sales price



Merged data showing the log values plotted and we can see that 6-8.5 values come under one single cluster of sales


Histogram of sale.price.n[sale.price.n > 0]
Frequency
0
5000
10000
15000
20000
0.0e+00
2.0e+08
4.0e+08
6.0e+08
8.0e+08
1.0e+09
1.2e+09
1.4e+09
sale.price.n[sale.price.n > 0]