SUDHARCHITH SONTY

UBID: 50169912
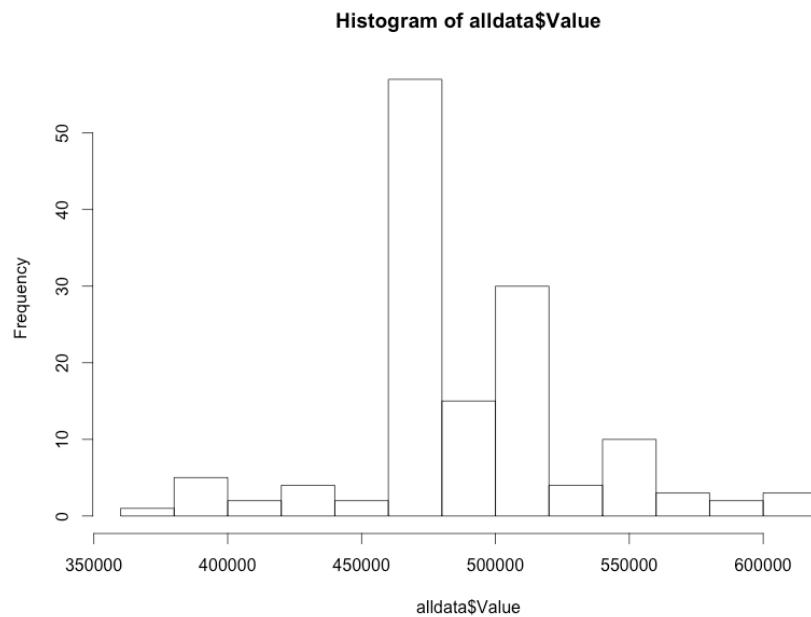Mail: sudharch@buffalo.edu

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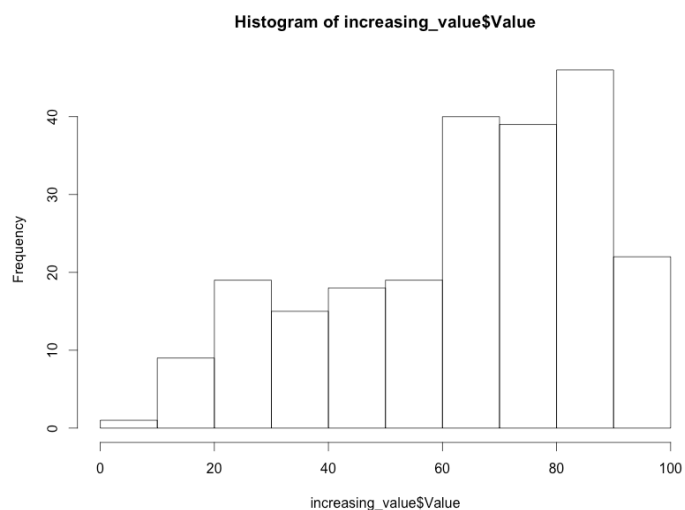
DATA INTENSIVE COMPUTING

PROJECT1- PART4 –REPORT

# REAL ESTATE DATA ANALYSIS

**Histogram of alldata$Value**



A Histogram plotting the Value of the Land/Apartment and the frequency at which it is brought. It is visible that the Mid-valued plots are being purchased at a higher rate as opposed to plots that are too high or too low.

**Histogram of increasing_value$Value**



A Histogram plotting the increasing value of the land against the frequency at which it is bought. In the upper state areas we can see that the higher the land value something between 75-100 is being bought out more frequently than the others.

**Histogram of price_to_rent$Value**
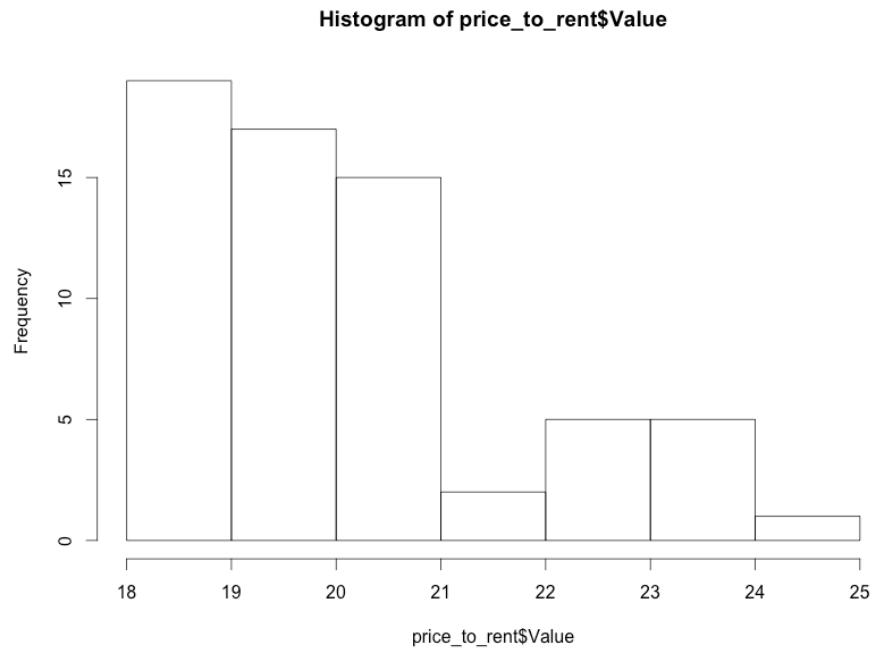


We can see with the help of this Histogram that the price to rent value plotted against the frequency of the purchases/rentals shows that when the price to rent value is least, the houses are being rented more as opposed to being purchased.


**CONCLUSIONS**

Based on these observations, we can state that RealDirect should focus more on renting out mid range valued properties in the up state areas where new people keep coming in every day to settle down in the Big Citites. That will help them sell out their homes faster and the lack of availability of the mid range homes will force potential buyers to pay more for the same mid valued properties. Thus increasing the profits of the company.