CHERIE REAL ESTATE

Outline

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Data understanding and analysis

Model results

Conclusion,limitations and recommendations for the model.

Problem statement

- ❏ The agency want to help homeowners to be able to predict the current and future prices of their houses depending on different features.
- ❏ Building a linear regression model will help the agency to assist homeowners to predict the price of homes they want to buy or sell

Data understanding and analysis

Data about 21597 homes around this geographical area was collected. This houses had different prices and this was contributed by different factors of the houses.

Model results

After creating several models i concluded that the model that had many features about the house was more accurate. However, our model was off by 138,476 dollars in every prediction. Improvement of this model will be done as we are collecting more data.

Limitations

❑ One limitation of the model is that you can not know if the feature of the house is related with the price of the house.

❑ Also our model is far from giving accurate information about the price of the houses.

Conclusion

❏ Some features present increases the price of the houses.

❏ This features include: the condition of the house,number of bedrooms,number of floors and square foot of the living room leads to an increase in the price.

Recommendations

- ❑ I would recommend cherie to use this model to predict the home price.
- ❑ Also i would recommend homeowners to do renovations to improve the condition of their houses.
- ❑ When buying a home number of bedrooms,floors and the square footage of the living should be considered