\*Paper Title

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# Abstract

# Introduction

## The Main Idea

The problem explored is the analysis of the Beijing housing market, the goals being to find all possible data correlations and the best weights of housing features to accurately predict the price of new property sales in the Beijing area using polynomial linear regression. The accuracy in price is examined in two forms. First, evaluation of a price within a two-thousand five hundred USD threshold of the actual price. Second, evaluation of the predicted price as a percentage of the total price. The overall contribution of the paper aiming to be an exploratory analysis of the housing market of Beijing, China.

## Related works

## Disclaimer

# Methods

## Data correlations and data decisions

## Data version 1

## Data version 2

## Data preprocessing

## Approach

# Results

## Data Version 1

## Data Version 2

# results Analyzed

## Data version 1

## Data version 2

## Data Correlations observed

# Conclusion

## Possible Future Development

# Citations

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