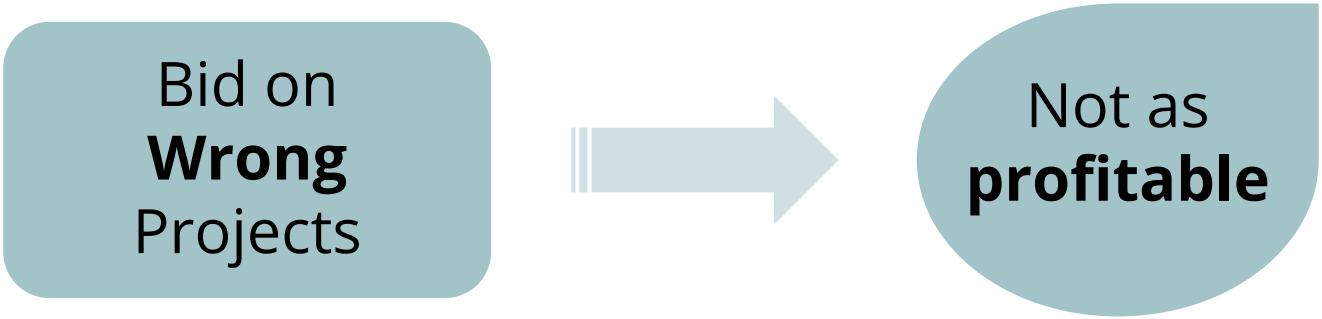
BID ON THE RIGHT ONE!

Metis Bootcamp
Yingqing Qiu

BUSINESS PROBLEM

Client: **ABC Construction, LLC** (size small, all construction project qualified)



METHODOLOGY

Dataset: Austin Housing Price - Kaggle

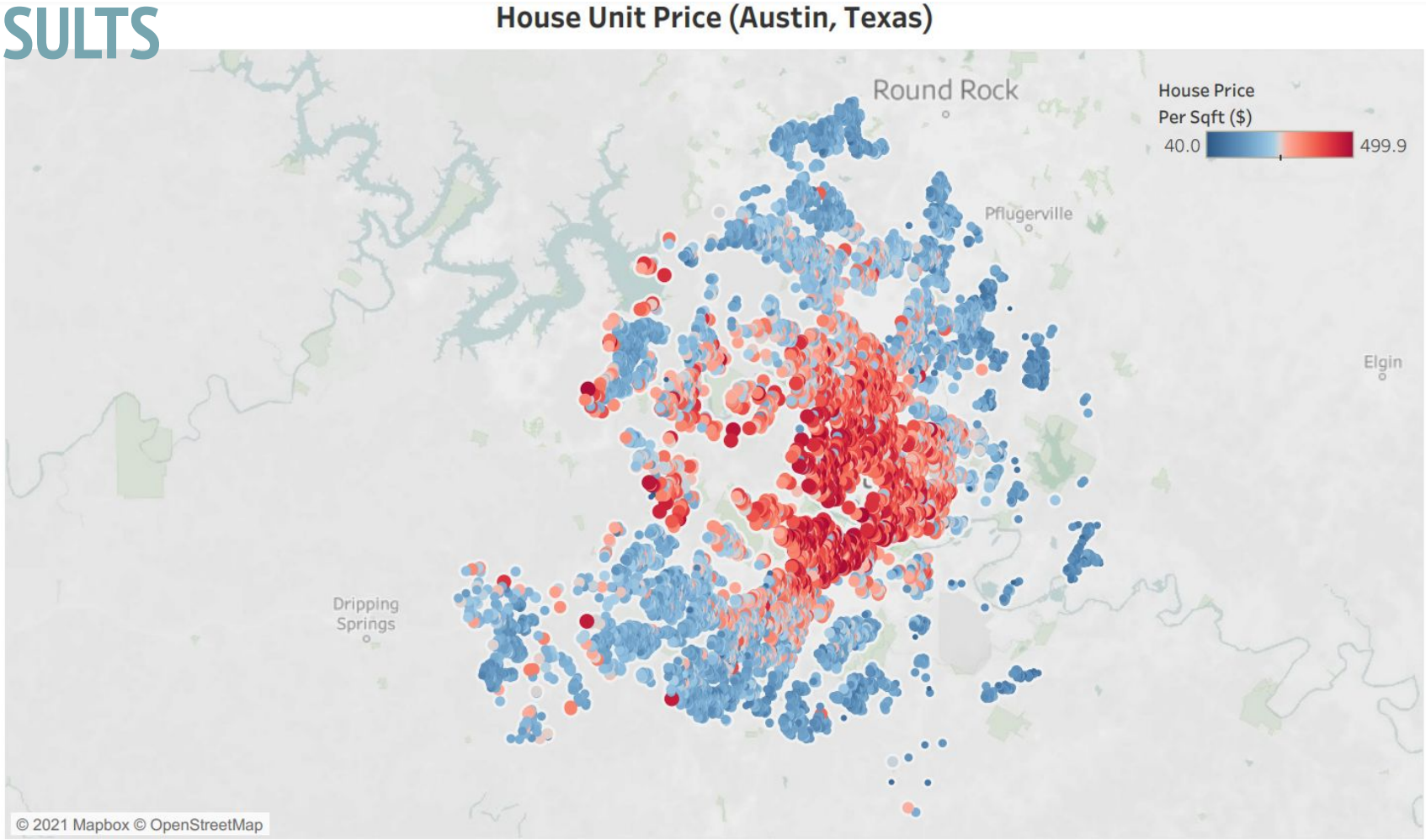
EDA: Google sheets, Python Pandas

Data visualization: Google sheets, Tableau

Explore House Price Data in Austin, Texas

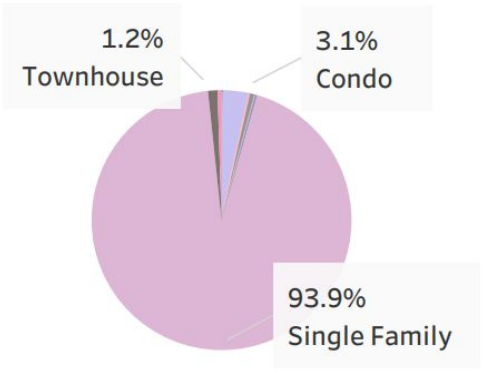
Gain insights on solving ABC Construction's problem.

RESULTS

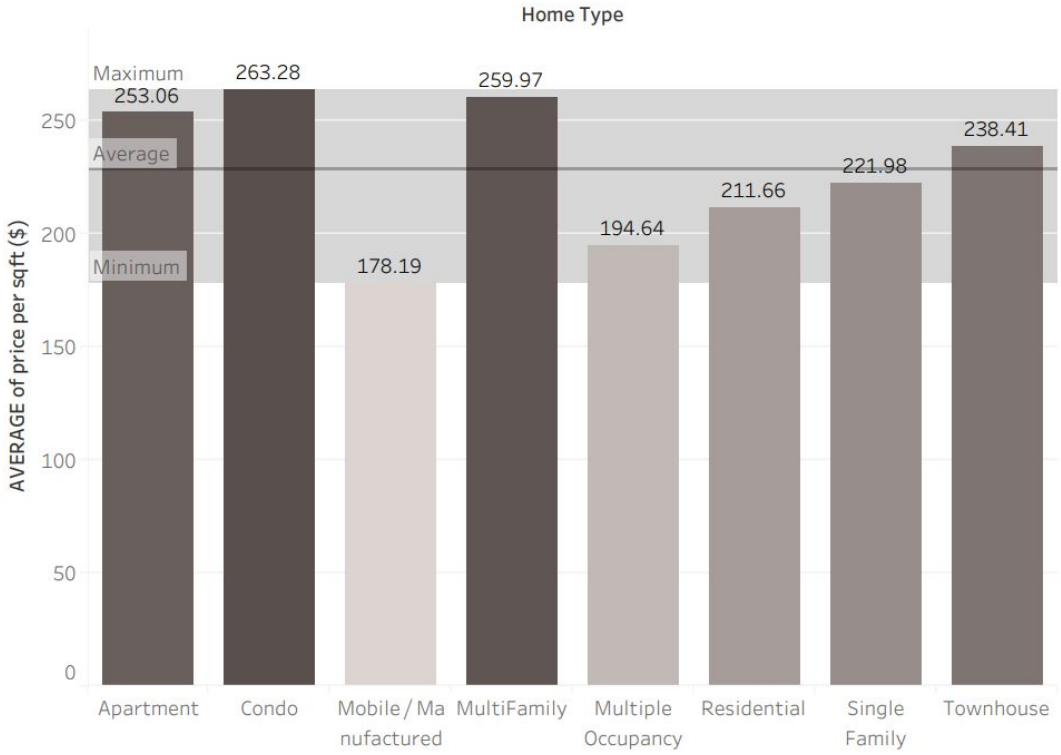

House Unit Price (Austin, Texas)
Round Rock
Pflugerville
Elgin
Dripping Springs
House Price Per Sqft ($)
40.0
499.9
© 2021 Mapbox © OpenStreetMap

RESULTS

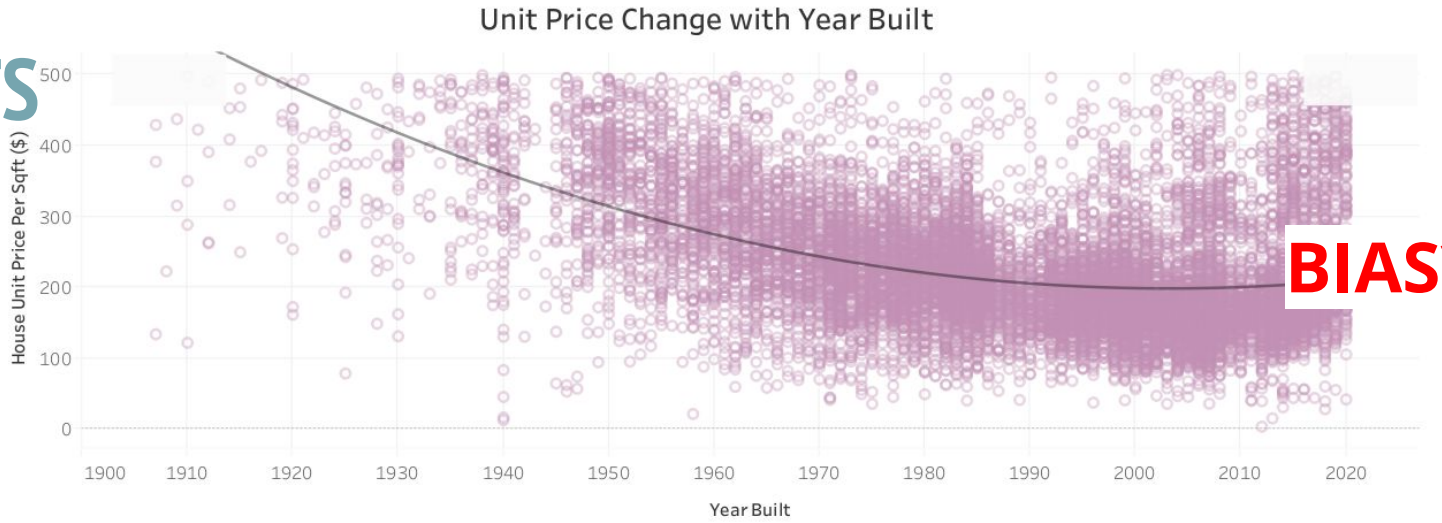
House Type (Austin, Texas)



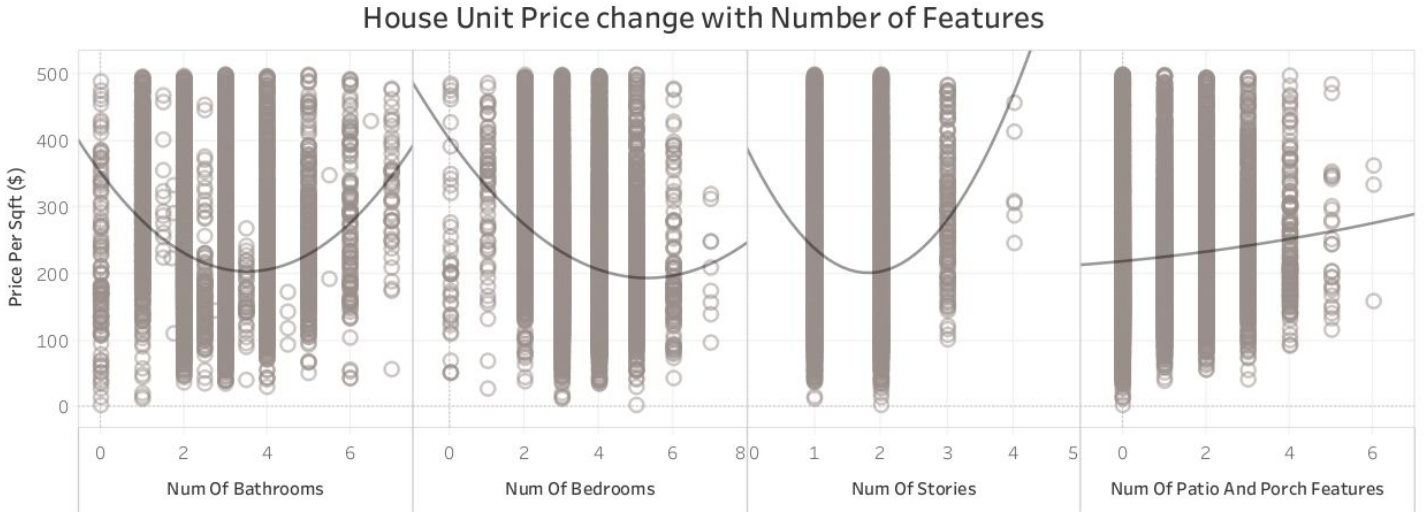
Unit Price for Different Home Types



RESULTS



BIAS?!



RESULTS SUMMARY

MOST POPULAR/VALUABLE HOUSE TYPE

SINGLE FAMILY

AVERAGE SINGLE FAMILY UNIT PRICE

$ 222

MOST POPULAR/VALUABLE HOUSE LOCATION

DOWNTOWN AUSTIN

HOUSE FEATURE QUANTITY IMPACT

NEGATIVE

IMPACT HYPOTHESIS

Focus more on projects that is **SINGLE FAMILY HOUSE** with **LESS HOUSE FEATURES** and locates near **Downtown Austin** in order to increase profit.

CRITERION FOR SUCCESS

Increase the number of **“Satisfied” (profitable)** Project

by **20**%

SOLUTION PATH

ALTERNATE: TRADITIONAL WAY

THANK YOU! QUESTIONS?