

Data Scientist Analysis Exercise, July 2020

Mayor Garcetti's Innovation Team
Hovanes Gasparian

Background

- LA County Assessor Parcel Dataset
 - 2006 - 2019
- 33 million rows of data (over 15 GBs)
- Los Angeles City Only
 - 11 millions rows

How many parcels are in the City of Los Angeles?

824,132

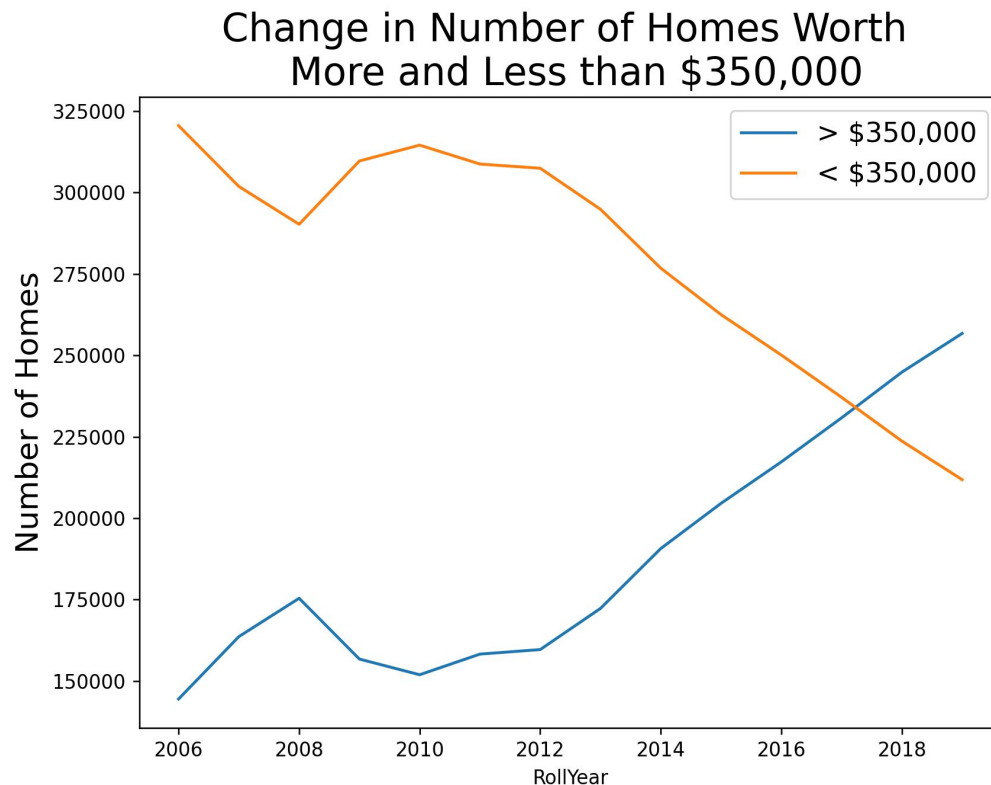
How many single-family parcels?

481,650

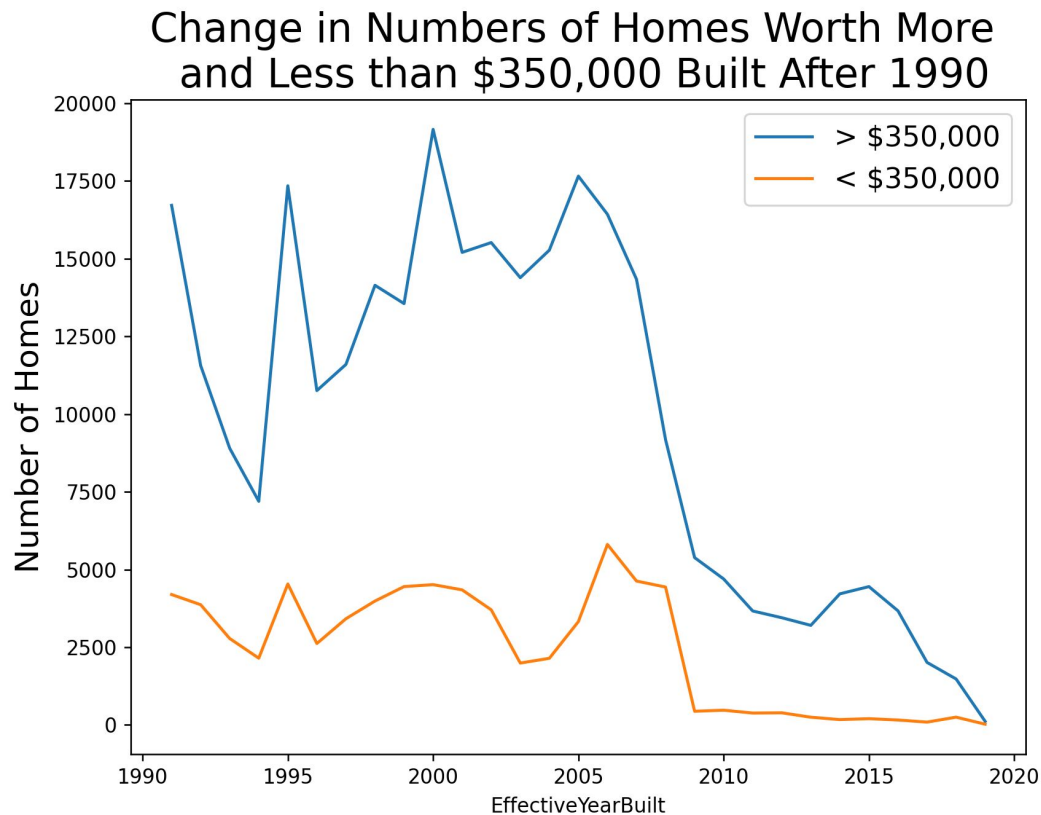
Average square footage for different parcel types

Property Type	Square Footage
N/A	3609.58
Commercial/Industrial	12358.52
Condominium	1311.74
Other	6144.49
Residential-Income	5871.66
Single Family Residence	1812.35
Vacant	85.82

How has housing changed over time?



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HELP-MODERATE-INCOME-FIRST-HOME-BUYERS

Recommendations

Expand Homebuyer Assistance Programs

- Low Income Purchase Assistance (LIPA)
 - Moderate income program is out of funds!
- Mortgage Credit Certificate (MCC)



We offer a purchase assistance program for first-time, moderate income homebuyers to help them finance their first home.

THIS PROGRAM IS CURRENTLY OUT OF FUNDS

Next Steps

- More Cleaning
- Other Property Types
- Geospatial Analysis

Thank you!