KEYSTONE INDIA CONSTRUCTS

An Architecture Firm

Overview

This project is about construction and properties management. We delved into the number of properties in various locations, various type of floors, waterfront and location wise analysis.

The analysis look at the status of the properties for the decision makers to know which properties need attention and quick fix.

Dashboard →

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KEYSTONE INDIA CONSTRUCTS

Project Analysis Report

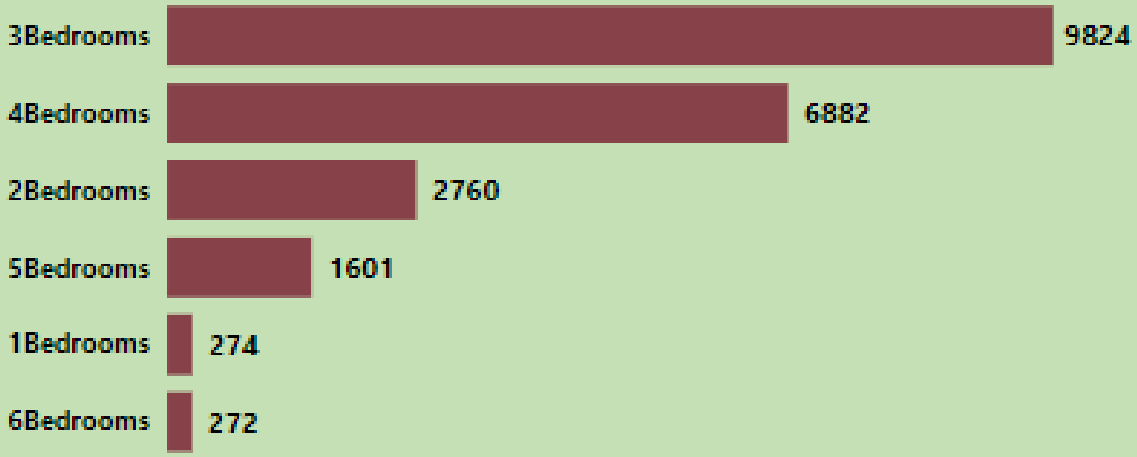
Filter Panel

yr_built
All

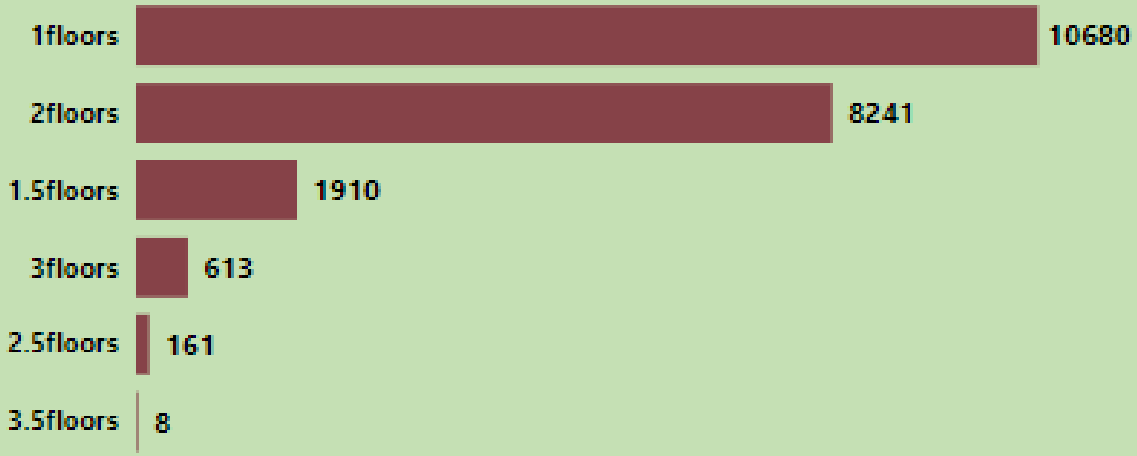
yr_renovat...
All

Property loca...
- [ ] Arizona
- [ ] California
- [ ] Connecticut
- [ ] Florida

Total Properties by Bedrooms



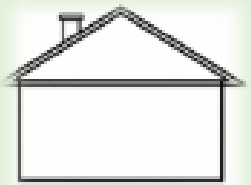
Total Properties by Floors



Condition Status wise Properties

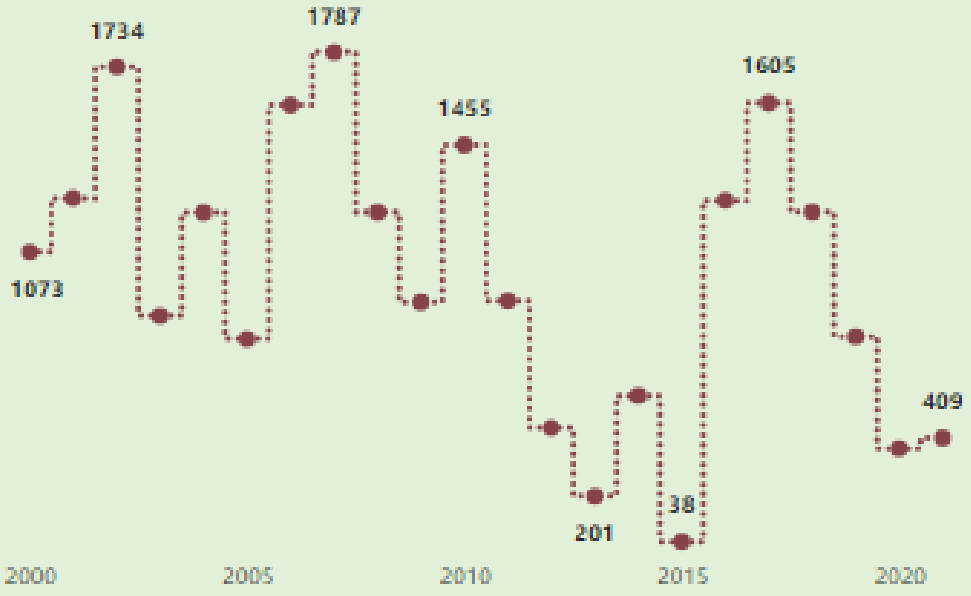
Very Good
3057

Good
15K



Bad
3485

Total Properties Built by Year



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Project Analysis Report

Total Properties

21613

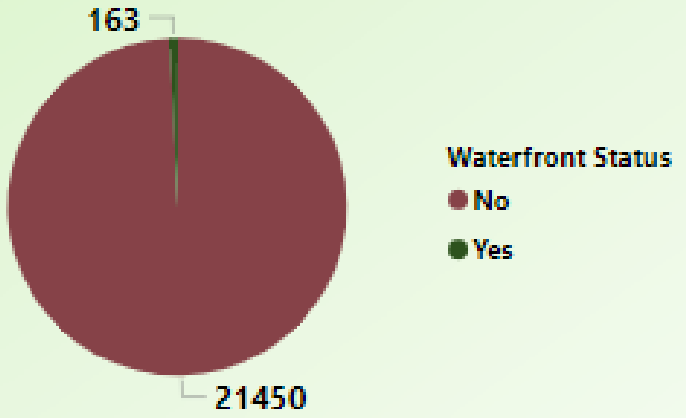
Filter Panel

yr_built: All

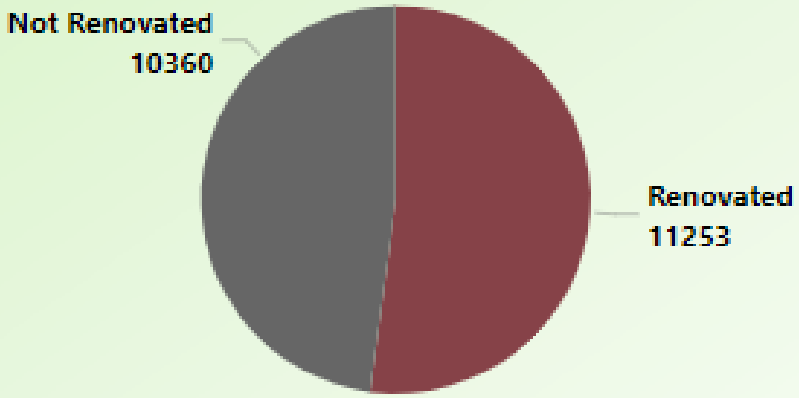
yr_renovated: All

Property loca...
- Arizona
- California
- Connecticut
- Florida

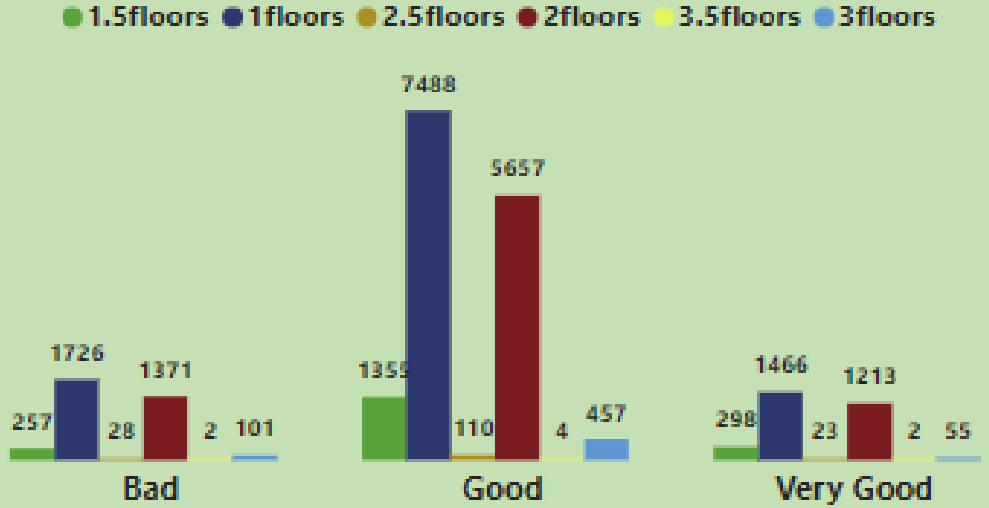
Total Properties by Waterfront Status



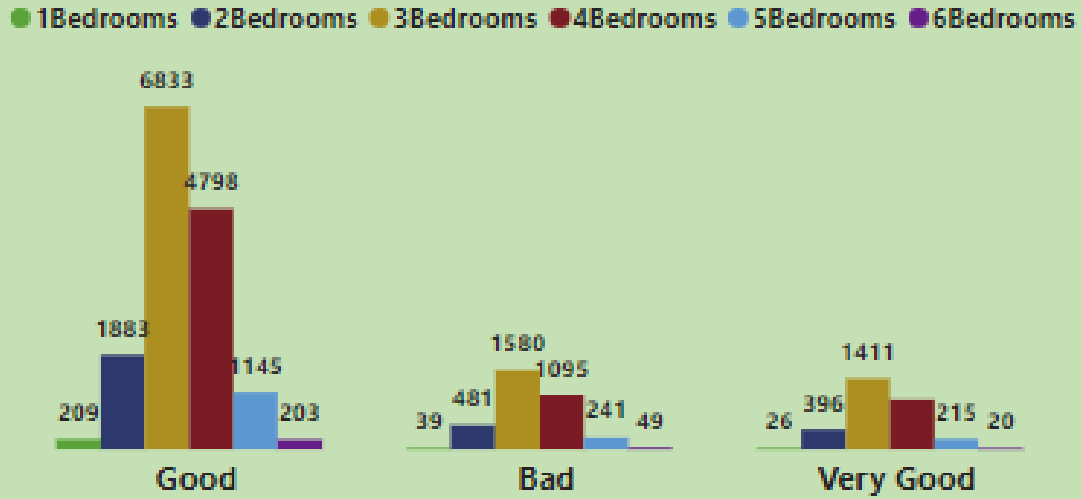
Total Properties by Renovated Status



Floor Type & its Condition Status



Bedroom Type & its Condition Status



INSIGHTS

Total Properties: 22K
Waterfront Status: 163 (Yes), 21K (No)
Renovated Status: 11K (Yes), 10K (No)
Condition of Properties:
Very Good: 3,057
Good: 15K
Bad: 3,485
Bedrooms and Floors Contained in Properties:
The majority have 2-3 bedrooms and 1-2 floors.
Properties By Year Built: Visualized trends over the years.

STEPS INVOLVED

- ✓ Data Imported in Power BI as provided by the organization.
- ✓ Transform the data into Power Query Editor to perform further steps.
- ✓ Starting by data cleaning. This involves checking & removing blank or missing values, unnecessary rows and columns, and errors if any.
- ✓ Once the data is cleaned, it is ready to get analyzed.
- ✓ Now the next step is Data Modelling. I created 6 dimension tables like dim_bedrooms, dim_condition status, dim_floors,etc from fact table and built relationship among them to establish connections.
- ✓ Using DAX functions like ‘calculate’ and ‘filter’ , I distributed the properties condition wise whether very good, good or bad.
- ✓ Now finally Data Visualization step comes. Using several graphs and charts, I created interactive dashboards to present my valuable findings to stakeholders. Also I displayed important key metrics.