

Property Management Dashboard

Overview

This project is a **Power BI Property Management Dashboard** that provides insights into real estate properties, including their conditions, locations, renovation status, and pricing trends. The dashboard helps stakeholders analyze property data efficiently and make data-driven decisions.

Features

- **Total Properties Overview:** Displays the total number of properties in the dataset.
- **Bedrooms Distribution:** Visualizes the number of properties based on the number of bedrooms.
- **Year Built & Renovation Analysis:** Shows the distribution of properties based on construction year and renovation history.
- **Waterfront Properties:** Identifies the percentage of properties with waterfront access.
- **Property Floors:** Categorizes properties based on the number of floors.
- **Property Conditions:** Analyzes properties based on their condition (Very Good, Good, or Bad).
- **State-Wise Property Distribution:** Maps properties across different states.
- **Renovation Trends:** Compares renovated vs. non-renovated properties and their price impact.

Data Source

The dataset used for this dashboard is stored in Housing dataset.xlsx, which includes:

- Property Location
- Number of Bedrooms
- Year Built & Renovated
- Waterfront Status
- Number of Floors
- Current Condition
- Property Prices

How to Use

1. **Open the Power BI File:**
 - Open Property-Management-Dashboard.pbix in **Power BI Desktop**.
 - Ensure Housing dataset.xlsx is accessible for data refresh.

2. Explore the Dashboard:

- Navigate through different visualizations to analyze property trends.

Dependencies

- **Power BI Desktop** (Required to view and interact with the dashboard)
- **Excel** (For dataset modifications)

Project Files

- Property-Management-Dashboard.pbix - Power BI file containing the dashboard.
- Property-Management-Dashboard.pdf - Screenshot of the Power BI dashboard.
- Housing dataset.xlsx - Raw data used for the dashboard.
- README.md - Project documentation.