

REAL ESTATE ASSIGNMENT REPORT

Task 1: Analyse Price Distribution by City

Question: Show the average property price in each city by property type.

Insight:

- Delhi shows the highest average property prices across types.
 - Hyderabad and Mumbai follow closely.
 - Apartments are the most common type with comparatively lower prices.
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Task 2: Compare Average Price for Each Property Type

Question: Show average price grouped by property type and seller.

Insight:

- Villas have the highest average price, followed by Independent Houses.
 - Apartments are the most affordable option.
 - Owner-listed properties show higher average pricing compared to Builders or Agents.
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Task 3: Identify Top 3 Most Expensive Properties

Question: Show the top 3 properties with the highest price.

Insight:

- Property IDs **121 (₹280L)**, **110 (₹275L)**, and **102 (₹250L)** are the top three most expensive.
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Task 4: Show Property Status Distribution

Question: Compare the proportion of properties that are Available, Sold, or Under Construction.

Insight:

- 60% of properties are **Available**, 32% are **Sold**, and 8% are **Under Construction**.
 - This indicates high market availability.
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Task 5: Show Average Price per Sq. Ft. by City

Question: Visualize the average price per square foot in each city.

Insight:

- **Bangalore** and **Mumbai** have the highest price per Sq. Ft.
 - **Chandigarh** ranks third.
 - **Hyderabad** and **Pune** offer more affordable rates per Sq. Ft.
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Task 6: Group Properties by Price Range and Analyze Count

Question: Categorize properties into Low, Medium, and High price ranges and analyze their distribution.

Insight:

- Most properties fall in the **Medium** price range.
- **Low** range follows, with relatively few properties in the **High** range.
- This suggests a balanced, mid-tier pricing trend in the market.