Analysis of Housing Price Trends in Gurgaon

A Comprehensive Study Based on Key Housing Features

Introduction

Purpose Of The Dashboard –

- Understanding the price rise of houses in Gurgaon over time.
- Key factors: number of bedrooms, bathrooms, waterfront presence, and house condition.

Importance of the Study –

- Insight into market trends.
- Useful for real estate investments and pricing strategies.

Data Overview

Key Matrices Analyzed -

Price over time

Number of bedrooms

Number of bathrooms

Waterfront presence

House condition

Histogram of price

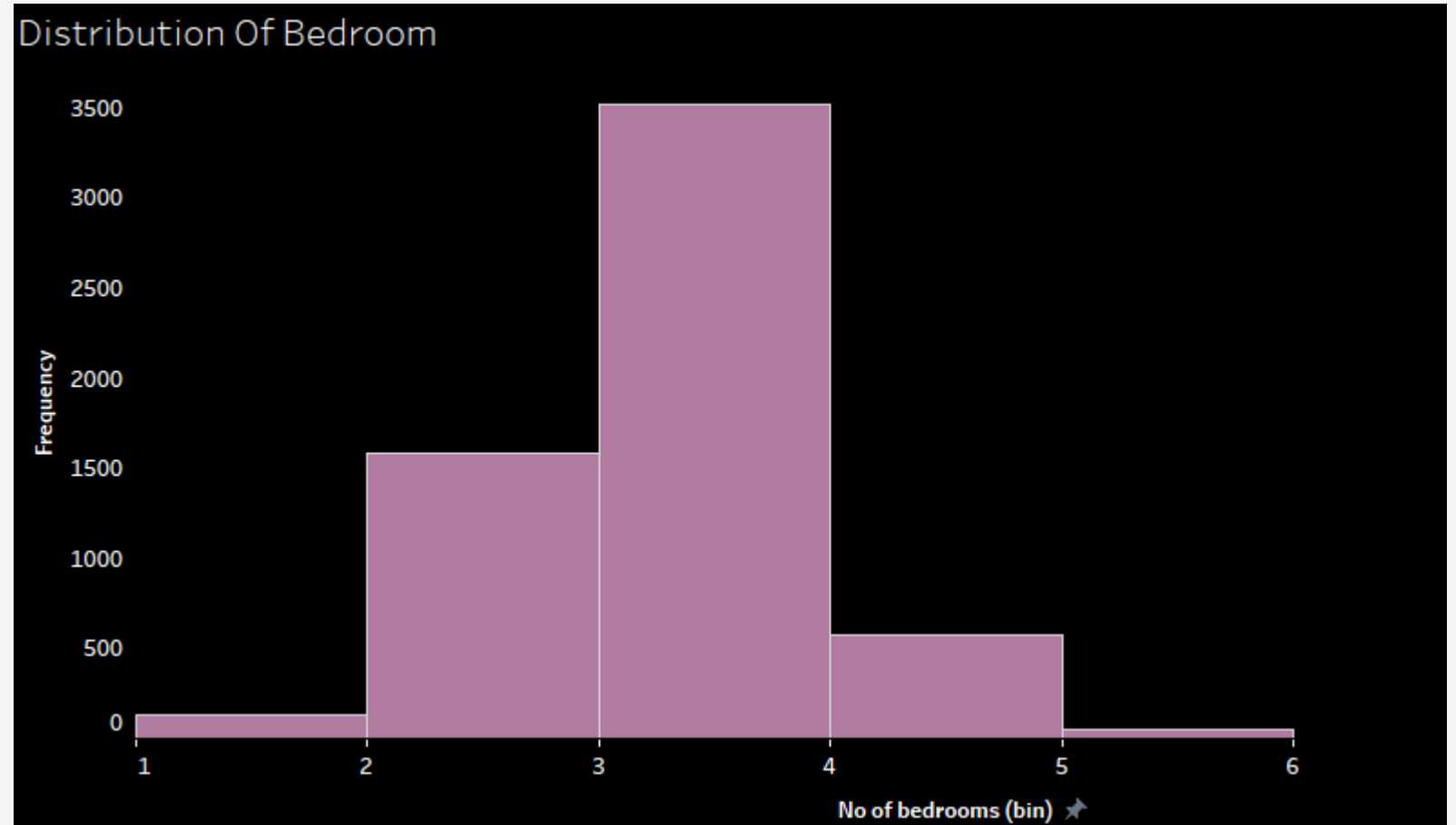# Price Trends Over Time (Visualization: Line Chart showing Price Over Time)

Insights:

- Overall trend of housing prices.

- Significant spikes or drops and possible
  reasons.

Daily Average House Sales Price

Frequency Of Number of Bedrooms (Visualization: Histogram Of Number of Bedrooms)
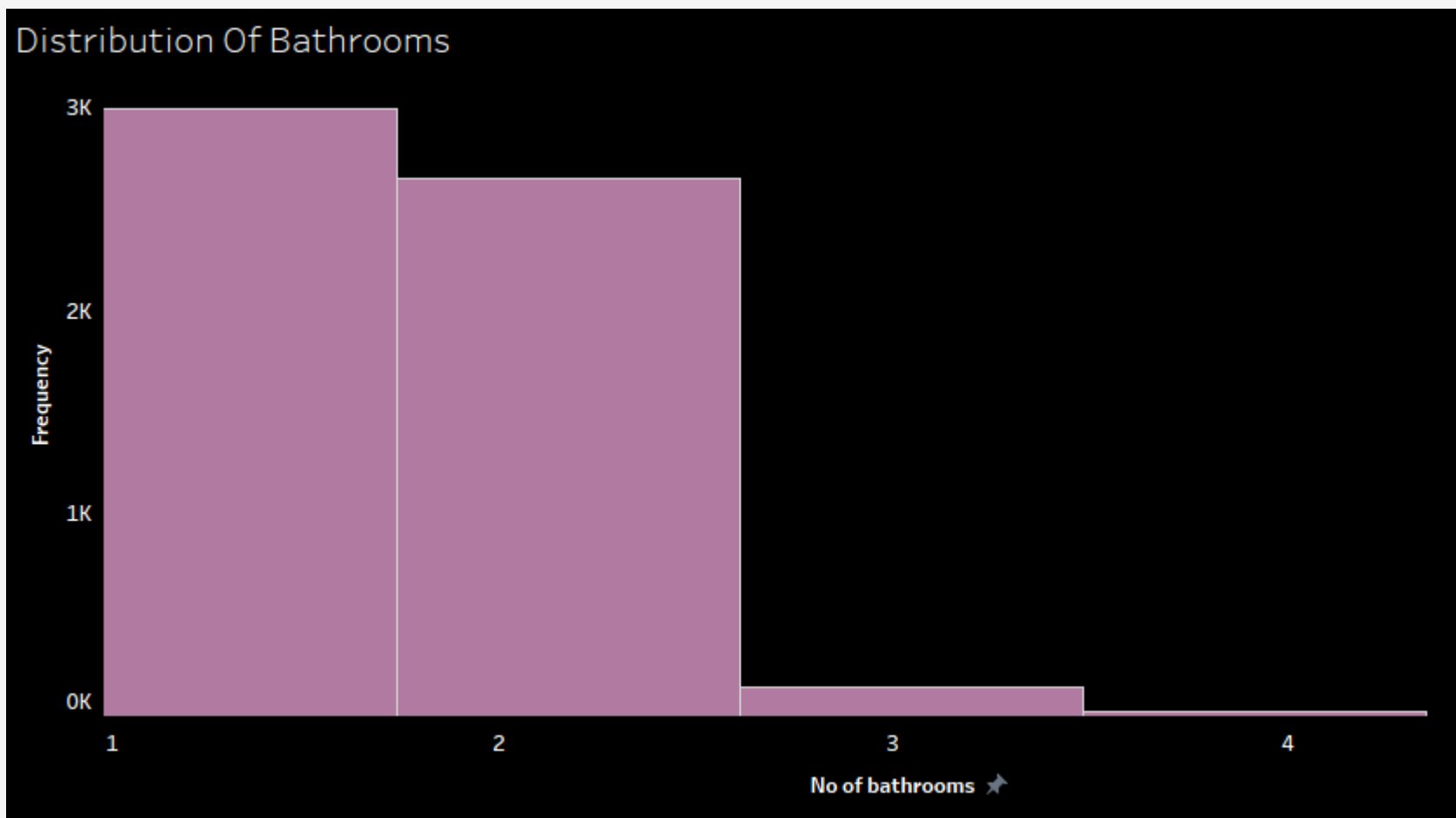
Insights:

- Distribution of bedrooms.

Frequency Of Number of Bathrooms (Visualization: Histogram Of Number of Bathrooms)

Insights:

- Distribution of bathrooms.

Price Based On Waterfront & Condition (Visualization: Heat Map Of Price Against Waterfront & Condition Of House)

Insights:

- Price difference based on waterfront
  presence.

- How house condition affects price.
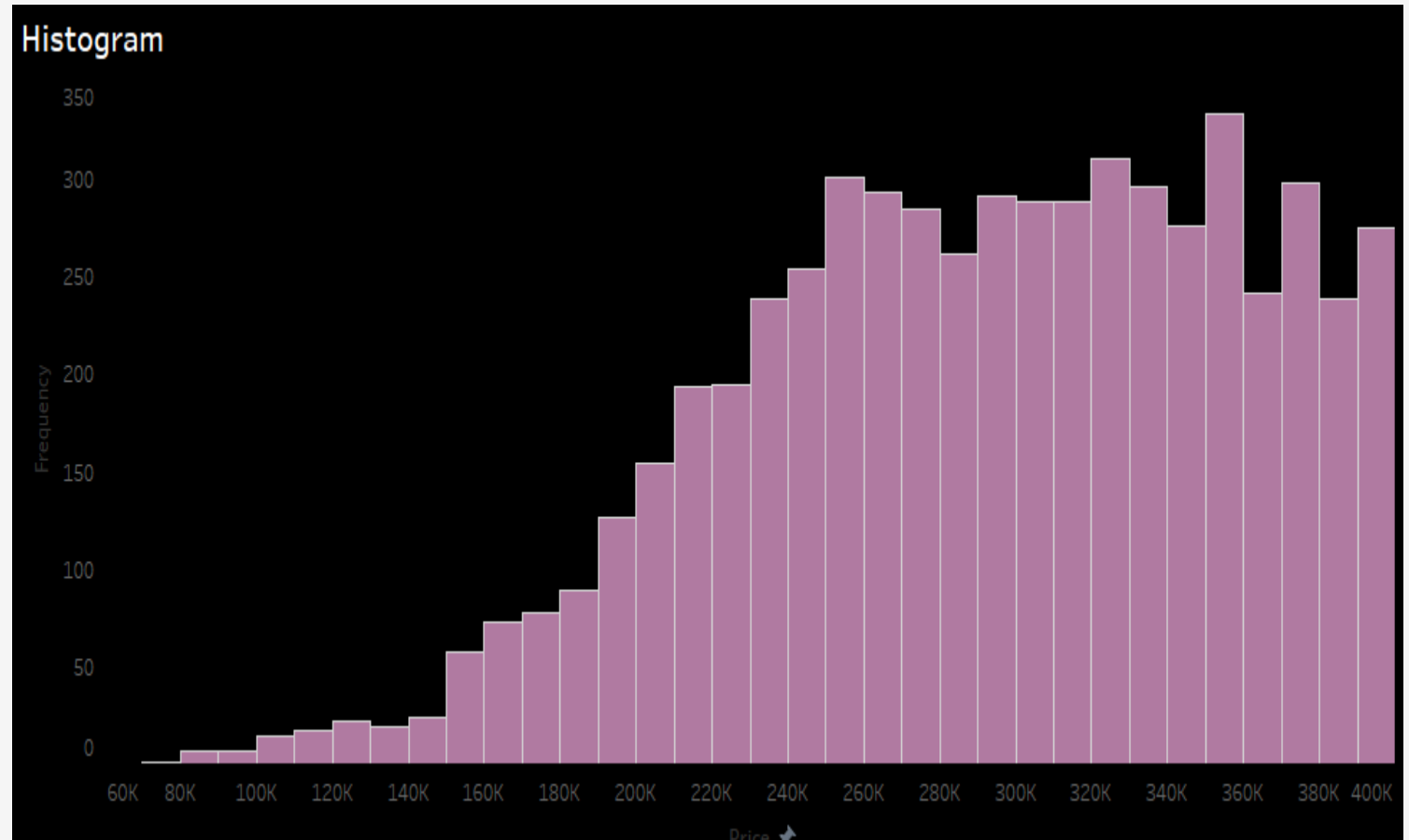
- Analysis of waterfront premium.

Waterfront Vs. Condition Heatmap

	Bad	Not Good	Average	Good	Very Good
Waterfront Not Present	286,409	282,841	528,808	511,500	601,538
Waterfront Present		2,560,000	1,781,836	1,486,941	1,405,733

Histogram of Housing Prices (Visualization: Histogram showing Distribution of Housing Prices)

Insights:

- Overall distribution of prices.

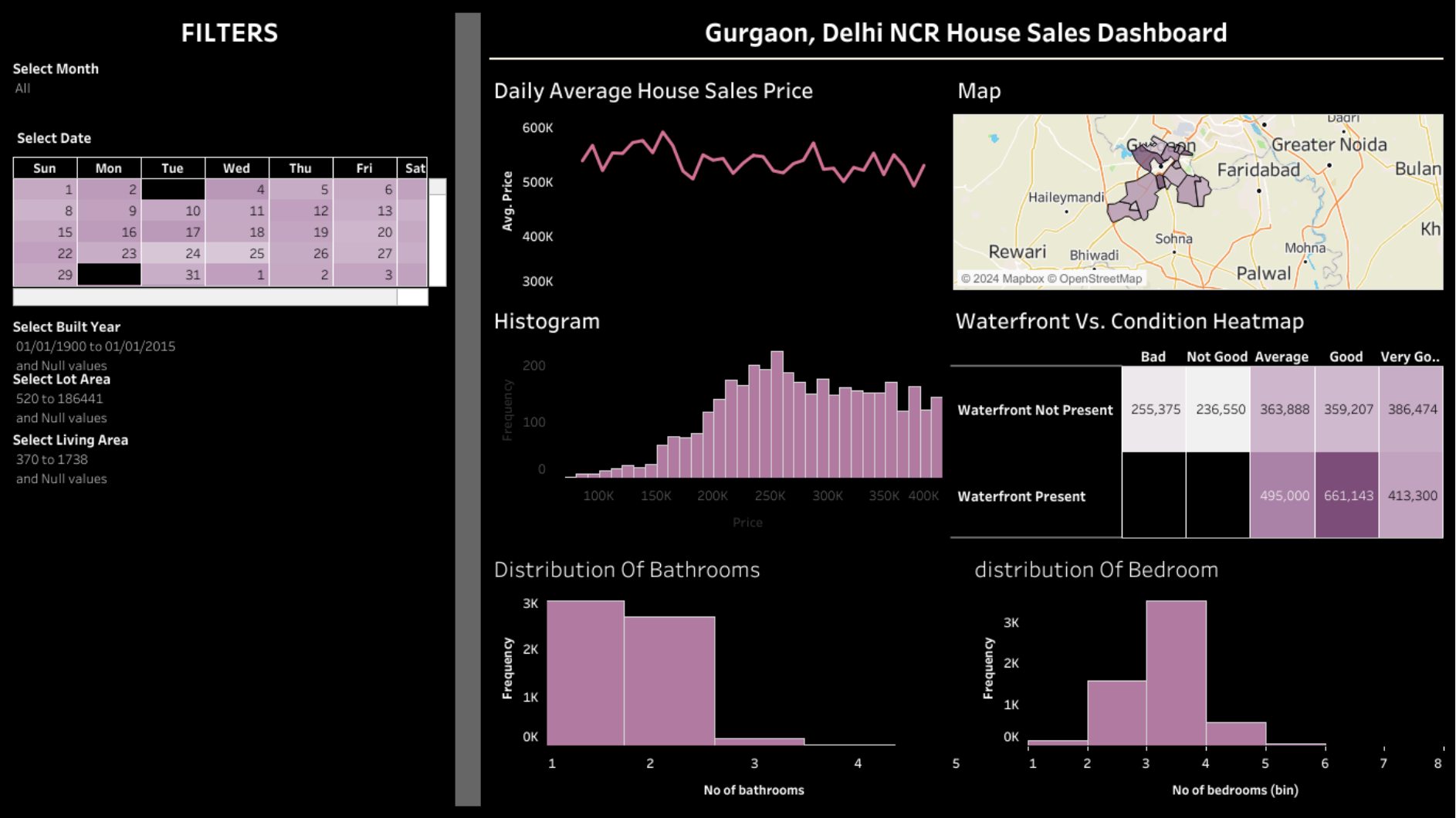- Identifying price ranges and outliers.

Filters

1 To find the insights from the above mentioned visualization we can select a particular month and we can check the trend for a date or a range of time.

2 We can check the trend of price, distribution of bathrooms, bedrooms and price based on Built Year, Lot Area and Living Area.

The Dashboard

Thank You!

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