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**Data Visualisation**

**Boston Condo**

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**ANIL KUMAR PGBPDSBA AUG’2023**

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# 1.0 Project Overview – Boston Condo Info

This project requires to prepare Data Visualization Story of real estate Key Insights and Finding based of Sales Price dataset provided

**Database Overview:**

Details of Boston Condo dataset provided.

|  |  |
| --- | --- |
| Sales\_ID | Id of Sales |
| Sales Price | Sales Price |
| Property\_ID | Property ID |
| Street Number | Street No of Property |
| Street Name | Street Name of Property |
| Unit | Unit No |
| Area | Area in which Property lies |
| First Price | First Price of Sales |
| Last Price | Last Price of Sales |
| First Date | First date of Sales Id |
| Last Date | Last date of Sales Is |
| Interior(Sq Ft) | Sq Ft of Property |
| # of Bed | No of Bedrooms |
| # of Bath | No of Bathrooms |
| # of Rooms | Total No of rooms |
| Condo Fee | Condo Fee |
| Tax | Govt Tax |
| RC | Residential/Non Residential |

Executive Summary

This executive summary is structured based on the storyboard of the Tableau project. This report must be read along with the view of the Tableau storyboard.

# **1.4 URL-**

[Boston DVT Project | Tableau Public](https://public.tableau.com/app/profile/anil.kumar4651/viz/BostonDVTProject_17184315342830/Story1?publish=yes)

# **1.5 Insights and Conclusion-**

**INSIGHTS**

* A total of 417 Units were sold in the period of 1990 - 1994.
* Area 'M' (ZIP = 02112) has the maximum sales (107 Units) follwed by Area 'HS' (ZIP = 02133) with 86 Units.
* Out of 417 -> 276 Units could be used as Commercial and Residential while 141 Units could be used as Residential only.
* Most of the Units had 5 Rooms (135 Units) followed by 4 Rooms (123 Units).

**Sales Price and Rooms:**

* Most of the Units Sold were in the range of USD 100K to USD 300K. 52 Units were sold for less than USD 100K with an average price of USD 52K. It is interesting to note that the Average number of rooms are higher for the price range 300K - 500K than those units above 500K.

**Sales Trends**

* The Overall Sales has been increase Year by Year. But there are ups and downs in the average price in a year. The Monthly Sales Price Trend is shown below. A clear seasonality can be observed across all the years where you can see hikes in June, July and August seasons and drops in March seasons.

**Conclusion**

* In the coming years too, the overall sales is expected to rise along with the Condo and Taxes. The Average price by Sq. ft is also expected to rise. The seasonality is expected to be there.