**Analysis Report**

**SALES PREDICTION DATA**

**By : Atharva Londhe**

* **Basic Insights :**

1.No of Rows Before Cleaning Data : 15882

2.No of Columns Before Cleaning Data : 7

3.Features Before Cleaning Data :

1. Date
2. Open
3. High
4. Low
5. Close
6. Adjacent Close
7. Volume

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1.No of Rows After Cleaning Data: 15882

2.No of Columns After Cleaning Data : 11

3.Features After Cleaning Data :

1. Date
2. Open
3. High
4. Low
5. Close
6. Adjacent Close
7. Volume
8. Year
9. Month
10. Quarter
11. Day
12. Total Sales of Opening is **290981.26**
13. Total Sales of Closing is **291047.78**
14. Total No. of Sales of Adjacent Closing is  **203001.55**
15. Total Sales of High is **293304.87**
16. Total Sales of Low is **288599.31**

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* **Insights and Pattern :**

Firstly I sepearted the Year, Month, Quarter and Day from the day column by using Powery Query Editor. Then I rounded up the values of Open, High, Low, Close, Adjacent Close and converted them into 2 decimal points.

* 1st pivot table has fields like Monthly Sales of Opening and Closing.

**Maximum Sales for Open Category** is in Year 2024, 8th month and 26th date.(26/08/2024)

**Minimum Sales for Open Category** is in Year 1962, 6th month and 26th date.(26/06/1962)

* 2nd pivot table has fields like Daywise High Sales and Low Sales.

**Highest Sales Day** is in 2024 Year, 10th month and 8th day.(08/10/2024)

**Lowest Sales Day** is in 1962 Year, 10th month and 31st day.(31/10/1962)

* **Max of Volume Minimum**= 124169000 18 Date -09 Month -2009Year

**Max of Volume Maximum**= 10403200 30Date-05Month-2025Year

**Min of Volume Minimum**= 76800 [Year 1965,Month 3,Date 16]

**Min of Volume Maximum**= 4608000 [03 Date, 06 month and 1965]

3rd pivot table is about Top 10 Months who has maxium sales used the column chart for prediction and visualization.

The **Highest** among all 10 months is month of **April** which has highest sales of **14247272000**.

The **Lowet** among all 10 months is month of **February** which has lowest sales of **11709631100**.