**Analysis on Data**

Initially , I have performed preprocessing on the data by removing missing values and scaling the data to make them suitable for analysis .

Insights :

1.The scatter plot shows a positive correlation between "MyWay" and "Paper Ticket" transactions, indicating that as the number of "MyWay" transactions increases, so does the number of "Paper Ticket" transactions.

2. The lineplot shows that as the both ticket count increases during months of febraury , March .

3. The ticket counts has been increased in the recent years and that may be due to some increase in population .

4.Both Tickets execute similar patterns , when one of them increases the other also increases.

5.The ticket count varies with respect to seasonal patterns .

6.Both of tickets have fluctuating trends over time.

7.The ticket count increases over recent years which is 2022 , 2023 and 2024.

8.The ticket count in the previous years does not have as much ticket counts as recent years.

9.The starting of may to December does not have much ticket counts and the count decreases over these months.

10. The seasonal patterns tends to affect the ticket counts where the months September , October , November have less ticket counts .

11.The paper tickets tend to have higher counts over My way tickets.

12.The ticket counts may have some cyclic patterns over time.

13.The correlation between "Myway" and "PaperTicket" seems to be 0.8010063898354925 which means they are highly correlated.

VISUALIZATIONS :



