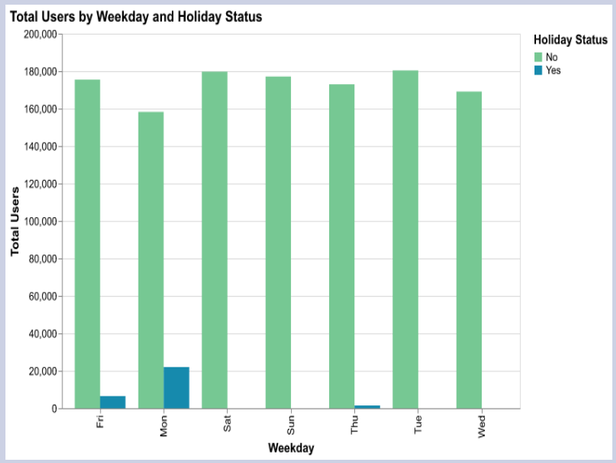
DATA2POSTER

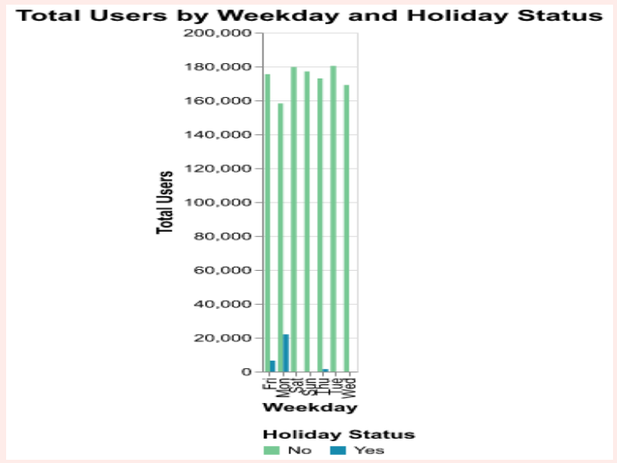
Introduction

This study examines how weekday and holiday factors influence bike sharing demand. Visualizations compare total users by weekday, holiday, and working day status. Insights aim to reveal patterns in bike usage across different temporal contexts.

How Do Holidays and Weekdays Influence Bike Sharing Demand Patterns?



Total_user counts are higher on non-holidays for all weekdays; weekends have high non-holiday usage only.



Total_user counts are high on non-holiday weekdays and weekends, but significantly lower on holidays for available weekdays.

Total_user is higher on working days than non-working days, with weekends showing generally lower usage across all days.

Conclusion

Bike sharing demand is higher on weekdays without holidays compared to holidays. Monday shows the largest drop in users on holidays. Thursday and Friday also have fewer users on holidays. Weekend usage is high, with no holiday data available. Total users vary by weekday, showing distinct patterns. Working days generally have higher usage than non-working days. Weekends have lower demand than weekdays regardless of working day status. Overall, holiday and weekday factors strongly influence bike sharing demand and usage patterns vary across the week.