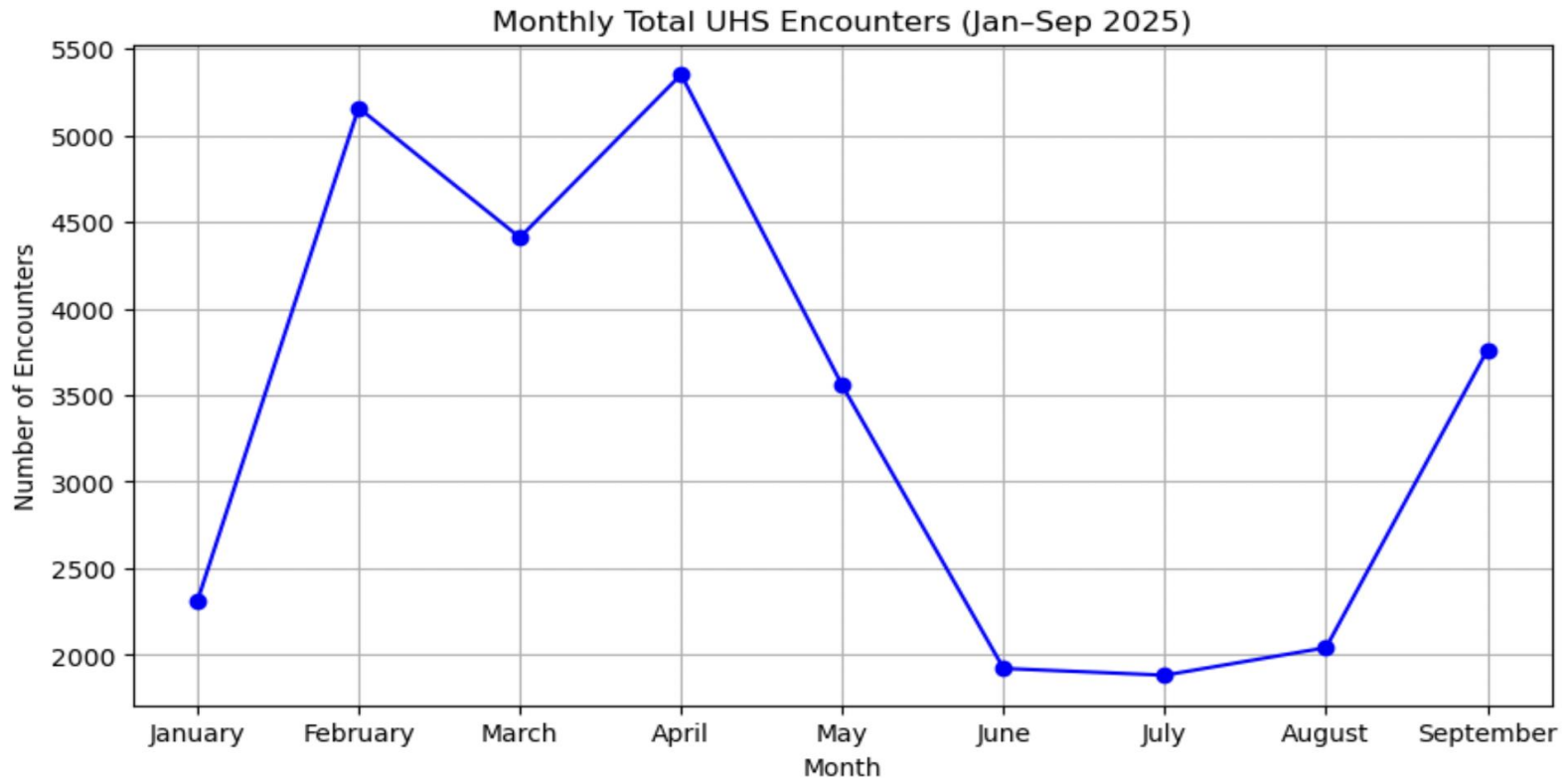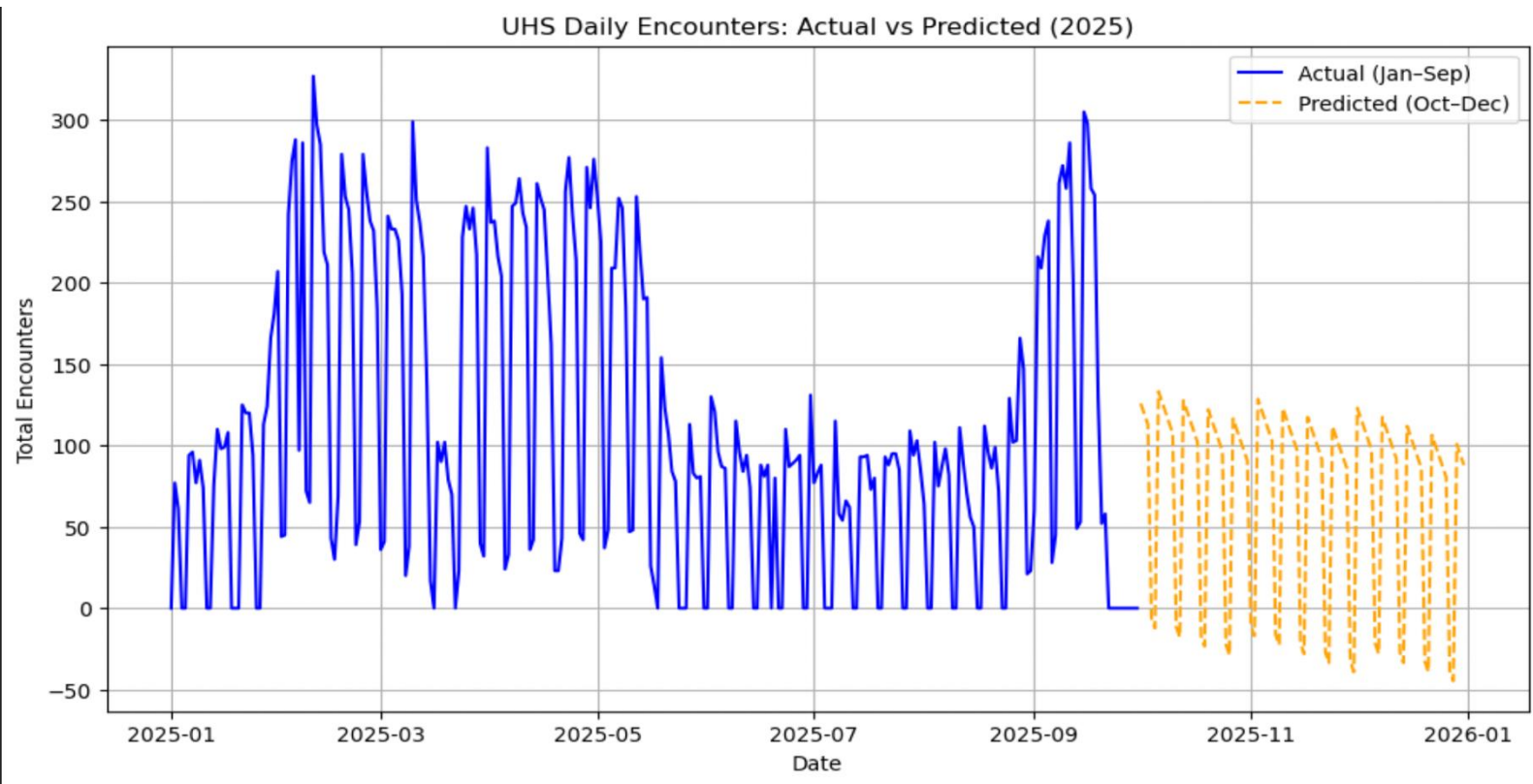# UHS Encounter Trends and Forecast Report (Jan–Sep 2025)

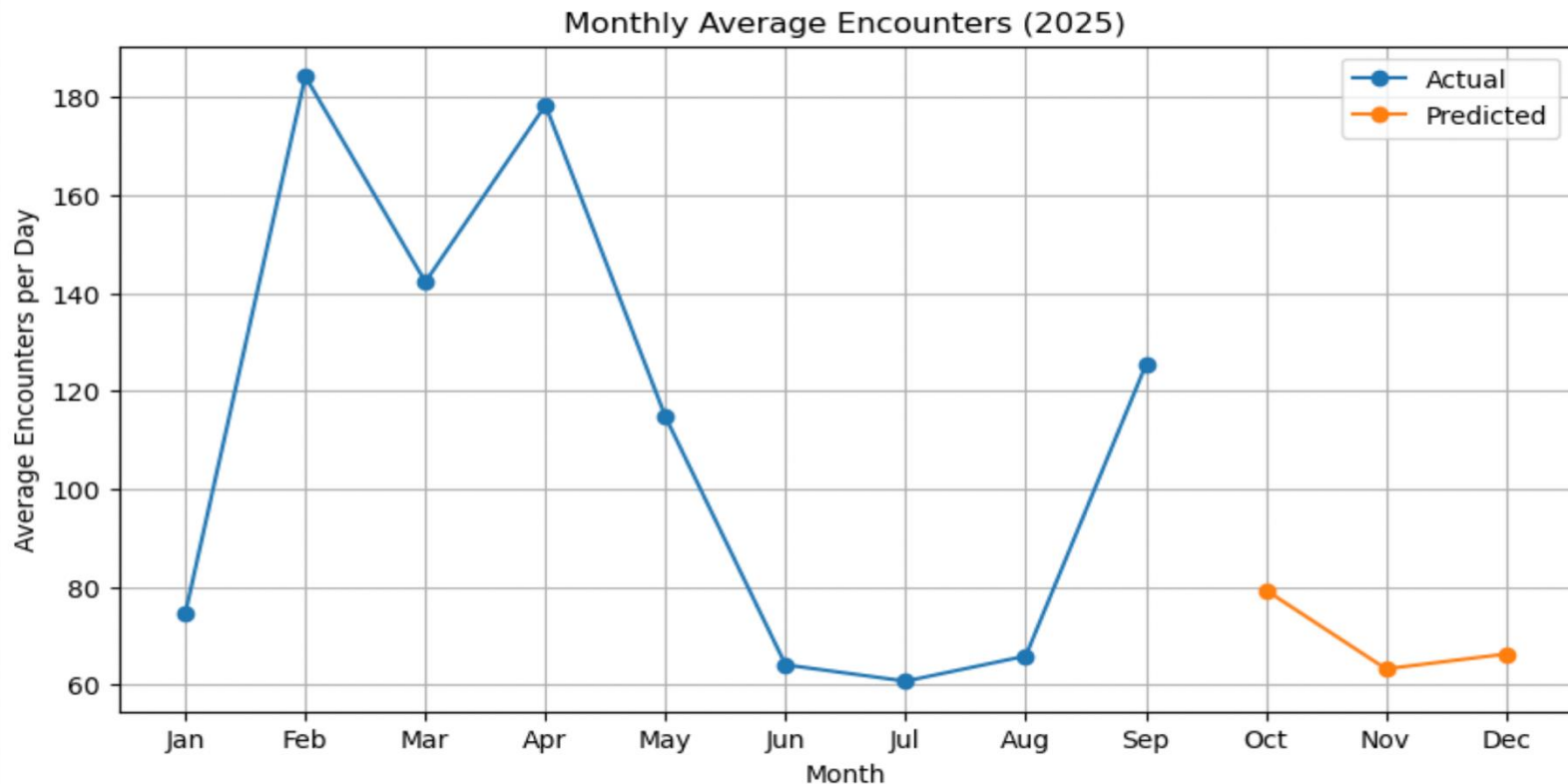# Monthly Total UHS Encounters (Jan–Sep 2025)

Encounters peaked in April 2025 at around 5400 visits, following strong growth from January to February. A sharp drop occurs in the summer (June–July), likely due to semester breaks. Activity starts to rise again in September.
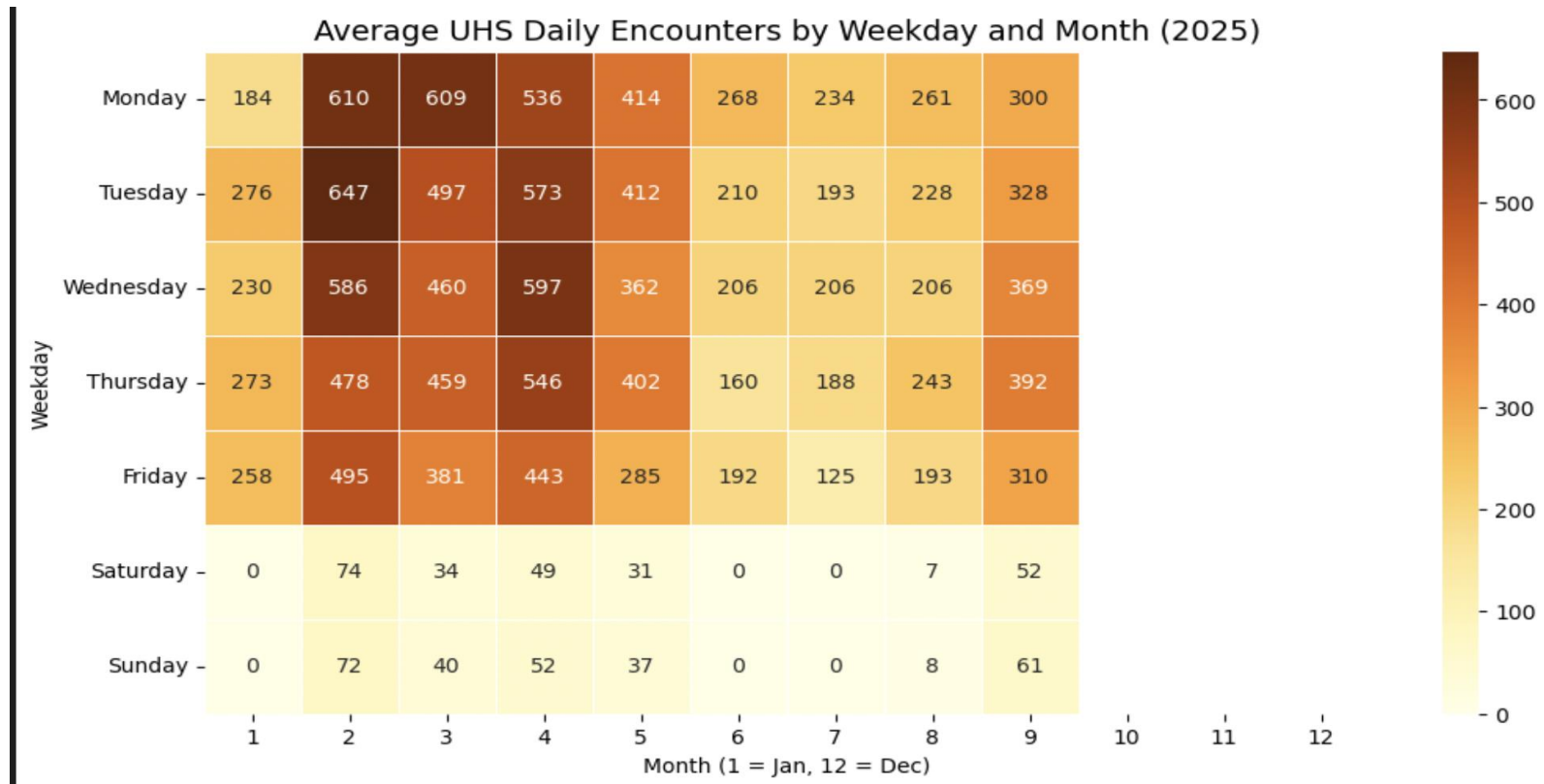
UHS Daily Encounters: Actual vs Predicted (2025)

Daily encounters show high variation during active semesters (Jan–May, Sept) and reduced volume during breaks. Predicted encounters for Oct–Dec remain stable, suggesting consistent demand.
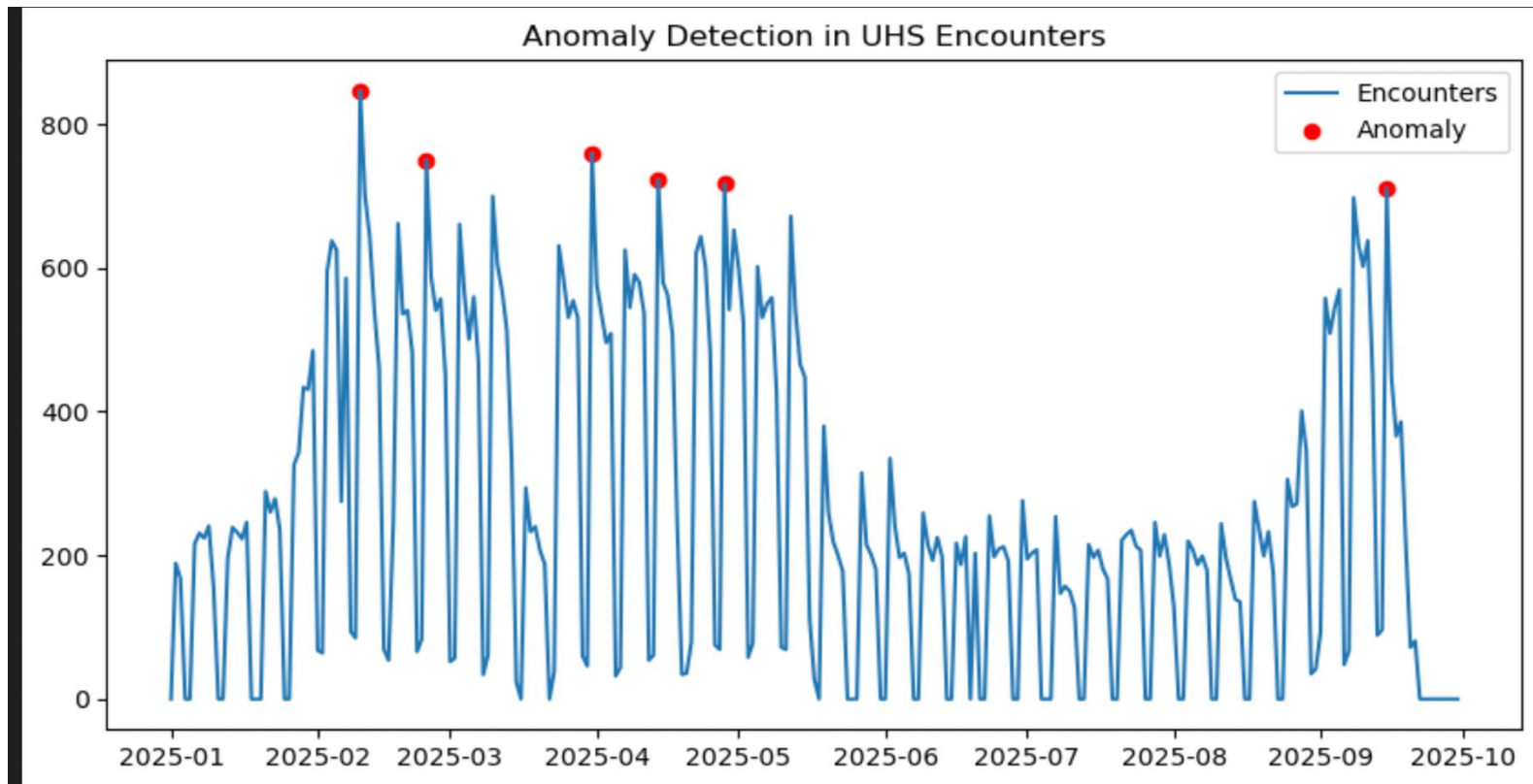
Monthly Average Encounters (2025)

The highest daily averages occurred in February and April (over 170 encounters/day). A summer dip is visible in June–July, with recovery in September. Predictions for Oct–Dec show moderate activity.

Encounters by Weekday and Month (2025)

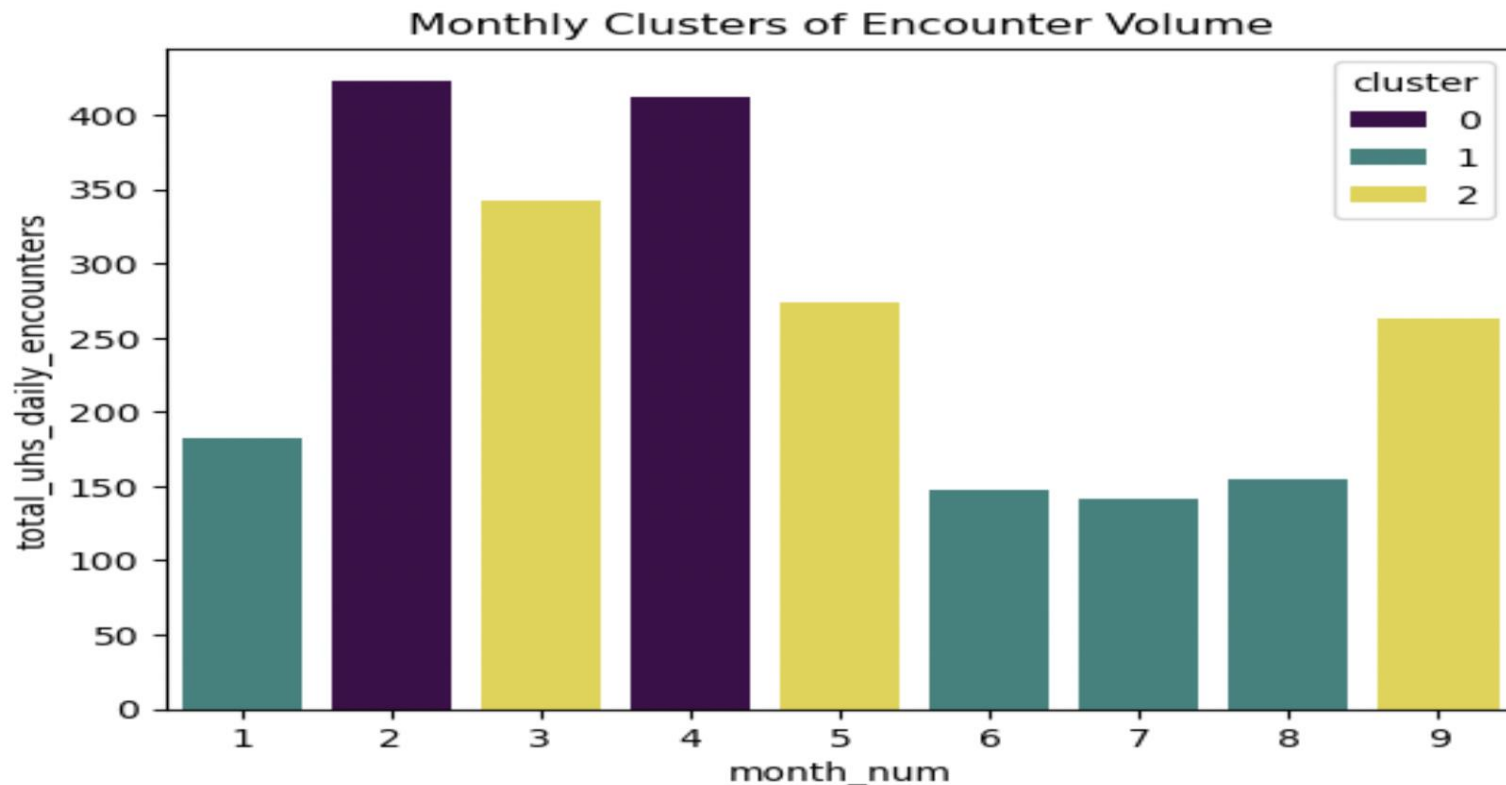Average UHS Daily Encounters by Weekday and Month (2025)

Encounters are highest early in the week (Mon–Wed), especially during February and April. Weekends show minimal activity, aligning with typical campus health center patterns.

Anomaly Detection in UHS Encounters (2025)

Detected anomalies in February–April correspond to spikes in encounter volumes. These likely represent seasonal illness surges or campus-wide health events.

Monthly Clusters of Encounter Volume

Cluster analysis identifies three volume groups: High (Feb–Apr), Medium (Mar, May, Sept), and Low (Jun–Aug). This segmentation highlights predictable seasonal patterns useful for resource allocation.

Key Insights and Recommendations

- UHS encounters peak in spring (Feb–Apr) and drop during summer breaks.
- Early-week visits (Mon–Wed) consistently dominate encounter volumes.
- Predictive models indicate steady fall activity levels (Oct–Dec).
- Anomalies reflect health surges or high-demand events — worth monitoring.
- Resource planning should prioritize spring months and early-week scheduling.