

Analytics Report: Lantern Serviced Apartments

Building ID: bld_001 | Type: Residence | Period: Daily

Executive Summary

Key Metrics

Total Traffic	11819
Average Traffic	21.97
Max Traffic	50
Building Capacity	200
Data Points	3
Analysis Period	Daily

Key Insights

- ■ Total foot traffic recorded: 11,819 people across 538 measurement points
- ■ Average traffic per location: 22.0 people
- ■ Peak single location traffic: 50 people
- ■ Peak activity occurs at 17:00-18:00 at lobby with 262 people
- ■ Lowest activity at 04:00-05:00 at roof_access with 1 people
- ■■ Well-balanced entry/exit flow patterns observed
- ■■ Best weather for foot traffic: rainy (avg: 25.1 people)
- ■■ Challenging weather conditions: foggy (avg: 19.1 people)
- ■■ Strong positive correlation between temperature and foot traffic (0.80)
- Peak capacity utilization: 25.0% (50/200)
- Low capacity utilization - opportunity for increased marketing or events
- ■ High traffic variability - consider analyzing patterns for predictable operations

Recommendations

- ■ Evening rush management: Prepare for high traffic at lobby during evening hours
- ■ Focus operational excellence efforts on lobby during peak hours
- ■■ Plan special events and promotions during rainy weather conditions
- ■■ Develop contingency plans for foggy weather to maintain service levels
- ■■ Consider climate control and comfort measures during warmer periods
- ■ Schedule maintenance activities during low-traffic period: 04:00-05:00 at roof_access

Detailed Analysis

Building Information

Building Name	Lantern Serviced Apartments
Building ID	bld_001
Type	Residence
Capacity	200
Total Area (sq ft)	None
Floors	None
Operating Hours	None

Traffic Statistics

Metric	Value
Total Traffic	11819
Average Traffic	21.97
Maximum Traffic	50
Data Points Collected	538

Next Steps

- Implement space optimization recommendations
- Deploy enhanced monitoring systems for real-time data
- Develop marketing strategy to increase foot traffic
- Schedule regular review meetings to track progress
- Consider additional data collection points for comprehensive analysis