

In this analysis, let's consider hypothetical data collected from the simulation run to assess the intersection's performance. We'll use metrics such as average vehicle delay, queue lengths, throughput, pedestrian wait times, safety indicators, and environmental impact.

Sample Data Table for Intersection Performance Analysis:

Metric	Value (Hypothetical)
Average Vehicle Delay	20 seconds
Queue Lengths	Varies by lane
Throughput	800 vehicles/hour
Pedestrian Wait Times	15 seconds
Safety Indicators	Low accident rate
Environmental Impact	Moderate emissions