

Vehicle Detection Report

Generated on: April 20, 2025

Overview

This report analyzes traffic patterns observed in a video of duration 30.00 seconds. A total of 64 unique vehicles were detected, with peak traffic occurring at 27.73 seconds.

Traffic Flow Analysis

The traffic flow analysis reveals a network of traffic patterns that are characterized by a high level of congestion, a low level of traffic and a very high degree of traffic volume.

Vehicle Behavior

The video has a high speed at 7:24 PM EST - which is significantly faster than normal since it shows the same car, truck, bus, and car in each frame.

Recommendations

There were 12 vehicles at 27.73 seconds at this point.

Statistical Summary

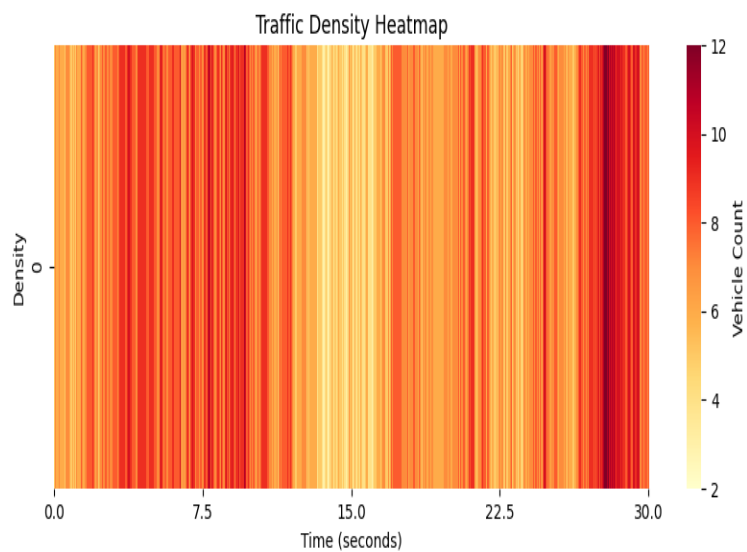
- Total unique vehicles: 64 - Vehicle types: car: 51, truck: 9, bus: 4 - Peak congestion: 12 vehicles at 27.73 seconds - Average congestion index: 1.44

Vehicle Statistics

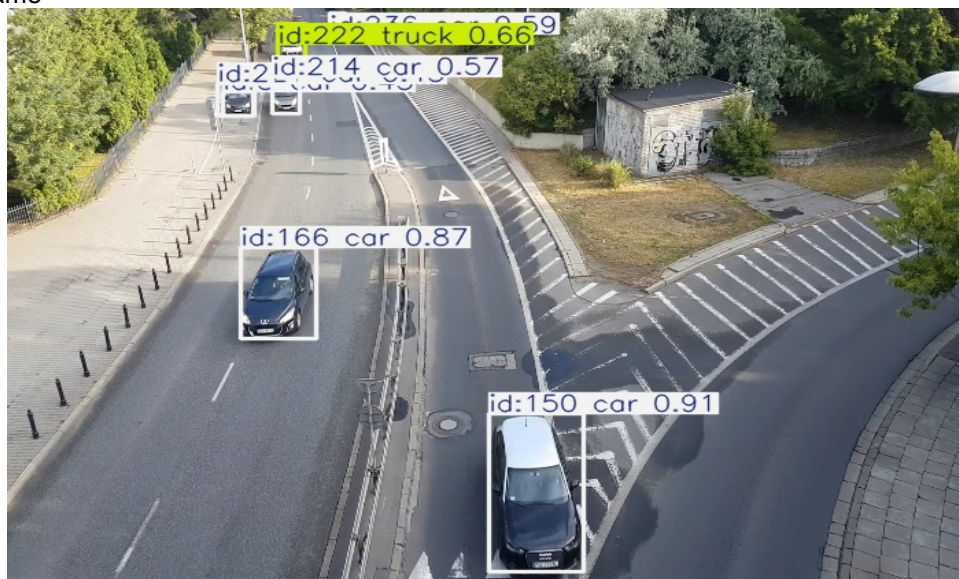
Vehicle Type	Unique Count	Avg/Frame	Middle Frame	Avg Speed (px/s)
car	51	6.29	4	87.65
truck	9	0.82	1	111.03
bus	4	0.08	0	42.94

Visualizations

Traffic Density Heatmap



Middle Frame



Peak Traffic Frame

