

Prioritize The Passage Of Vehicles At Intersections According To Fuel Consumption - Report -

Supervisor:

Mr. Ronen Zilber

Authors:

Rashed Kewan 318369170 Rashed.Kewan@e.braude.ac.il

Ibrahim Qassem 207925926 Ibrahim.Kassem@e.braude.ac.il

Date : 02/01/2023

Time : 01:19:03

Algorithm Activity Status : ON

Time Elapsed : 15

Vehicles Data

vehicle_type	speed	weight	generatin
car	2.5	1	8
bus	1.8	10	8
truck	1.8	8	8
motorcycle	2.5	2	8

Vehicles Average Speeds

vehicle_type	vehicle_speed_avg
car	42.87756193447137
car	16.33014798751289
car	4.230769230769231
car	14.73650585572299
car	62.45458188898205
car	18.38416471382666
car	22.12894763806907
car	23.28505416571965
bus	62.59587688016104
bus	23.2269920491023
bus	39.11704327384076
bus	62.34489194115746
bus	50.17199368581691
bus	6.092307692307538
bus	48.05037861962402
bus	32.95951079018288
truck	28.74365959392368
truck	53.21564488164547
truck	29.33921812806494
truck	43.48712384188915
truck	9.276923076923136
truck	62.74770115866624
truck	68.50925240148366
truck	17.29731931348115
motorcycle	58.06443690299242
motorcycle	45.27908422779853
motorcycle	5.961538461538462
motorcycle	56.34532540294577
motorcycle	54.2585647434607
motorcycle	49.79031223295357
motorcycle	16.13461276468622
motorcycle	15.19230769230769

Graphs

