# BRAUDE
## College of Engineering, karmiel

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

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Date : 29/12/2022
Time : 23:47:20

Algorithm Activity Status : ON
Time Elapsed              : 100
_____  Vehicles Data  _____

| vehicle_type | speed | weight | generatin |
|---|---|---|---|
| car | 2.5 | 5 | 7 |
| bus | 1.8 | 10 | 7 |
| truck | 1.8 | 8 | 7 |
| motorcycle | 2.5 | 2 | 7 |

_____  Vehicles Average Speeds  _____

| vehicle_type | vehicle_speed_avg |
| --- | --- |
| car | 28.66576677922943 |
| car | 7.718399420603218 |
| car | 22.92642837366346 |
| car | 22.38624136228331 |
| car | 27.47513200350679 |
| car | 21.97650464418374 |
| car | 25.18937310801507 |
| bus | 21.90384018306614 |
| bus | 19.90790652628019 |
| bus | 27.47131017238684 |
| bus | 24.45867710386858 |
| bus | 24.0261068369314 |
| bus | 22.26028102312413 |
| bus | 21.77441826330355 |
| truck | 20.50145851077276 |
| truck | 24.04835259703893 |
| truck | 15.08117568513958 |
| truck | 17.14755323237728 |
| truck | 23.57509915020074 |
| truck | 26.2213801899463 |
| truck | 20.21441818088645 |
| motorcycle | 13.82791505776416 |
| motorcycle | 26.68340144861445 |
| motorcycle | 21.74559364676937 |
| motorcycle | 11.55391274532678 |
| motorcycle | 20.93653420511902 |
| motorcycle | 15.94658992332588 |
| motorcycle | 22.74802475171731 |

Mean Average Speeds for Different Vehicle Types



Average Speeds for Different Vehicle Types