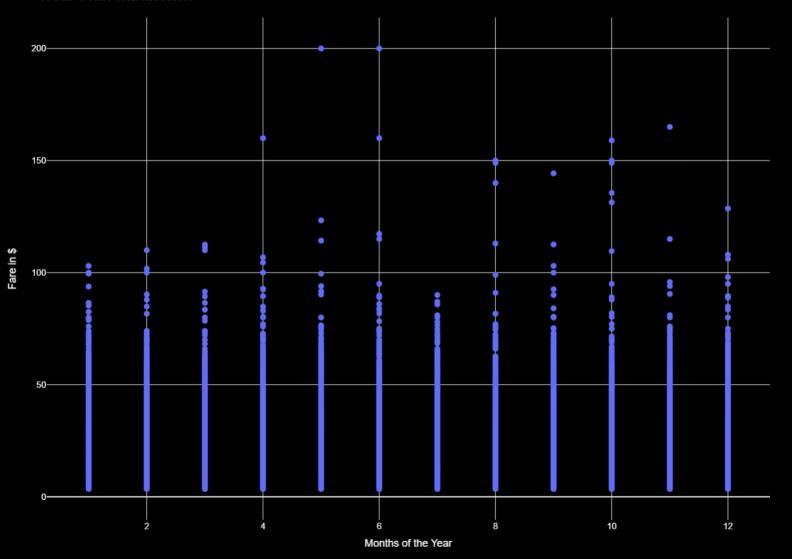


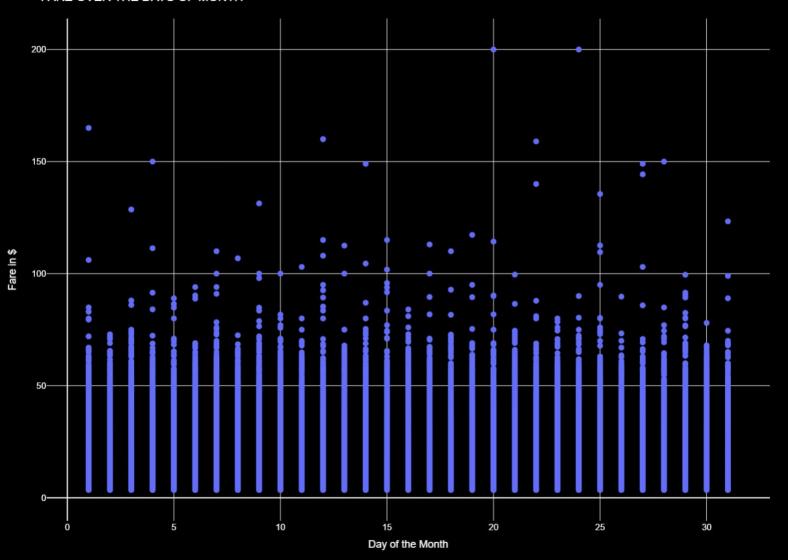
| | | | | | | C | ORR | ELA | ΓΙΟΝ | HEA | AMT | P | | | | | | | 1.0 |
|----------------------|-------------|--------------------|-----------------|-------------------|--------------------|-------------------|----------------------|----------|----------|----------|---------------|----------------|---------------|----------|----------|------------|----------------------|--|-----|
| fare_amount - | | 0.47 | -0.23 | 0.42 | -0.17 | 0.017 | 0.89 | 0.12 | 0.027 | 0.027 | 0.027 | 0.001 | 0.0034 | -0.019 | -0.0072 | -0.0021 | 0.066 | | |
| pickup_longitude - | 0.47 | | -0.024 | 0.26 | 0.057 | 0.0029 | 0.46 | 0.015 | 0.0068 | 0.007 | 0.0066 | -0.0011 | -0.025 | 0.019 | -0.00094 | -0.012 | 0.032 | | |
| pickup_latitude - | -0.23 | -0.024 | 1 | 0.076 | 0.4 | -0.0074 | -0.25 | -0.011 | -0.0044 | -0.0037 | -0.0045 | -0.0019 | -0.042 | 0.03 | 0.0022 | 0.0026 | -0.016 | | |
| dropoff_longitude - | 0.42 | 0.26 | 0.076 | 1 | 0.14 | 0.0013 | 0.44 | 0.0096 | 0.0052 | 0.0058 | 0.0053 | 0.0013 | -0.00027 | -0.056 | -0.0047 | -0.004 | 0.034 | | 8.0 |
| dropoff_latitude - | -0.17 | 0.057 | 0.4 | 0.14 | 1 | -0.0041 | -0.15 | -0.0047 | -0.0045 | -0.0042 | -0.0045 | -0.00074 | -0.031 | 0.019 | 0.0012 | 0.0016 | -0.015 | | |
| passenger_count - | 0.017 | 0.0029 | -0.0074 | 0.0013 | -0.0041 | 1 | 0.011 | 0.0057 | 0.0049 | 0.0046 | 0.0052 | 0.0039 | 0.037 | 0.017 | -0.00011 | -0.22 | -0.0014 | | |
| haversine distance - | 0.89 | 0.46 | -0.25 | 0.44 | -0.15 | 0.011 | 1 | 0.018 | 0.014 | 0.014 | 0.014 | 0.0018 | 0.017 | -0.033 | -0.0066 | -0.0036 | -0.016 | | 0.6 |
| year - | 0.12 | 0.015 | -0.011 | 0.0096 | -0.0047 | 0.0057 | 0.018 | 1 | -0.12 | -0.12 | -0.12 | -0.01 | 0.0086 | 0.002 | -0.00056 | 0.083 | -0.0044 | | |
| month - | 0.027 | 0.0068 | -0.0044 | 0.0052 | -0.0045 | 0.0049 | 0.014 | -0.12 | 1 | 0.98 | 1 | -0.016 | -0.0078 | -0.0041 | -0.0012 | -0.047 | -4.7e-05 | | |
| week - | 0.027 | 0.007 | -0.0037 | 0.0058 | -0.0042 | 0.0046 | 0.014 | -0.12 | 0.98 | | 0.98 | 0.045 | -0.01 | -0.0041 | -0.0011 | -0.045 | -6.3e-05 | | |
| day of year - | 0.027 | 0.0066 | -0.0045 | 0.0053 | -0.0045 | 0.0052 | 0.014 | -0.12 | 1 | 0.98 | | 0.067 | -0.0071 | -0.0039 | -0.0012 | -0.047 | -0.00015 | | 0.4 |
| day of month - | 0.001 | -0.0011 | -0.0019 | 0.0013 | -0.00074 | 0.0039 | 0.0018 | -0.01 | -0.016 | 0.045 | 0.067 | 1 | 0.0073 | 0.002 | -9.2e-05 | -0.0062 | -0.0012 | | |
| day of week - | 0.0034 | -0.025 | -0.042 | -0.00027 | -0.031 | 0.037 | 0.017 | 0.0086 | -0.0078 | -0.01 | -0.0071 | 0.0073 | 1 | -0.087 | -0.0019 | 0.0036 | 0.0017 | | |
| hour - | -0.019 | 0.019 | 0.03 | -0.056 | 0.019 | 0.017 | -0.033 | 0.002 | -0.0041 | -0.0041 | -0.0039 | 0.002 | -0.087 | 1 | -0.00039 | -0.009 | -0.0019 | | 0.2 |
| minute - | -0.0072 | -0.00094 | 0.0022 | -0.0047 | 0.0012 | -0.00011 | -0.0066 | -0.00056 | -0.0012 | -0.0011 | -0.0012 | -9.2e-05 | -0.0019 | -0.00039 | 1 | 0.0014 | -0.0012 | | |
| second - | -0.0021 | -0.012 | 0.0026 | -0.004 | 0.0016 | -0.22 | -0.0036 | 0.083 | -0.047 | -0.045 | -0.047 | -0.0062 | 0.0036 | -0.009 | 0.0014 | 1 | -0.0021 | | |
| Fare per Kilometer - | 0.066 | 0.032 | -0.016 | 0.034 | -0.015 | -0.0014 | -0.016 | -0.0044 | -4.7e-05 | -6.3e-05 | -0.00015 | -0.0012 | 0.0017 | -0.0019 | -0.0012 | -0.0021 | 1 | | |
| | fare_amount | pickup_longitude - | pickup_latitude | dropoff_longitude | dropoff_latitude - | passenger_count - | haversine distance - | year - | month - | week - | day of year - | day of month - | day of week - | hour - | minute - | - second - | Fare per Kilometer - | | 0.0 |

FARE OVER THE YEARS 200-150-Fare in \$ 100-50-11 12 10 13 14 15 Year in 2000s

FARE OVER THE MONTHS



FARE OVER THE DAYS OF MONTH



Number of Rides over the Hours of the Day 60k 50k 40k Frequency 30k-20k 10k 10 15 20 5 Hour

FARE OVER THE HOURS OF THE DAY

