Correlation Map 1.0 -0.029-0.0001-0.00034-0.013 tpep_pickup_datetime -0.01 -0.021 -0.02 |0.0061|0.0079|0.0025|-0.015|0.0053|-0.016| 0.023|-0.024 -0.029 -0.00010.00015 0.013 tpep_dropoff_datetime -1 0.01 -0.021 | -0.019 |0.0062 |0.0079 |0.0028 | -0.015 |0.0053 | -0.016 | 0.023 | -0.024 0.8 passenger_count - -0.029 -0.029 -0.009 | -0.0051 | 0.016 | 0.036 | -0.051 | -0.011 | 0.015 | 0.029 | 0.0006 | 0.035 | 0.0089 | 0.018 0.012 trip_distance -0.00011-0.0001 0.012 0.044 -0.0035|-0.0027|-0.0037| 0.016 |0.0018|0.00069 0.011 | 0.012 |0.00016 0.016 | -0.093 | 0.24 -0.069 -0.055 RatecodeID -0.000340.00015-0.038 | 0.044 1 -0.04 0.11 -0.086 0.00067 -0.075 | 0.039 | 0.0093 | 0.063 -0.29 -0.019 0.6 PULocationID - 0.013 | 0.013 | -0.009 | -0.0035 | -0.069 | 1 0.084 -0.015 | -0.12 | -0.039 | 0.014 | -0.066 | -0.083 | 0.0091 | -0.11 0.12 -0.16 DOLocationID - 0.01 0.01 |-0.0051|-0.0027|-0.055 | 0.084 -0.016 | -0.082 | 0.0084 | 0.026 | -0.036 | -0.058 | 0.0092 | -0.076 | 0.11 -0.051 - 0.4 payment_type - -0.021 | -0.021 | 0.016 | -0.0037 | -0.04 -0.098 -0.0069 -0.39 -0.27 -0.023 -0.42 -0.14 -0.34 -0.0081 fare_amount - -0.02 | -0.019 | 0.036 | 0.016 | 0.11 -0.12 -0.082 -0.098 0.15 0.075 0.56 0.59 0.22 0.98 -0.14 0.57 extra - 0.0061 | 0.0062 | -0.051 | 0.0018 | -0.086 | -0.039 | 0.00084 -0.0069 | 0.15 1 0.15 0.22 0.24 0.15 0.077 0.34 0.24 - 0.2 0.15 mta_tax - 0.0079 | 0.0079 | -0.011 | 0.0006 | 0.0006 | 0.014 | 0.026 -0.39 0.075 0.015 | -0.074 0.91 0.1 0.62 0.069 tip_amount - 0.0025 | 0.0028 | 0.015 | 0.011 | -0.075 | -0.066 | -0.036 | -0.27 0.56 0.22 0.47 0.092 0.69 -0.019 0.42 0.0 tolls_amount - -0.015 | -0.015 | 0.029 | 0.012 | 0.039 | -0.083 | -0.058 | -0.023 | 0.59 0.24 -0.074 0.47 1 0.053 0.47 0.67 -0.1 improvement_surcharge - 0.0053 | 0.0053 | 0.0006 | 0.0001 | 0.0093 | 0.0091 | 0.0092 | -0.42 0.22 0.15 0.092 | 0.053 1 0.24 0.91 0.59 0.089 -0.2-0.11 -0.076 -0.14 0.98 0.24 0.24 -0.085 0.61 total_amount - -0.016 | -0.016 | 0.035 | 0.016 | 0.063 0.1 0.69 0.67 1 congestion_surcharge - 0.023 | 0.023 | 0.0089 | -0.093 | -0.29 0.12 -0.019 -0.3 0.11 -0.34 -0.14 0.077 0.62 -0.1 0.59 -0.085 Airport_fee - -0.024 -0.024 | 0.018 0.24 -0.16 -0.051 -0.0081 0.57 0.34 0.069 0.42 0.47 0.089 0.61 -0.3 -0.4tpep_pickup_datetime RatecodeID trip_distance fare_amount mta_tax tip_amount pep_dropoff_datetime **PULocationID** DOLocationID payment_type total_amount passenger_count tolls_amount provement_surcharge congestion_surcharge