Code to Euclidean Distance

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#distorce calculated by latitude and Longitude def euc_distance (lat1, long 1, lat2, Long 2): #distorce calcioacci un la longitu (eturn (((lat1-lat2) ** 2 + (long 1 - long 22) ** 2) ** 0.5) # Inpuls out into

the Euclidean Distance formula end of class of [distance] = euc_distance(df['pickup_latitude'], # Pickup and dropoff locations df['picku_long, tude'], are updated

of ['dropoff_latitude'],

af['drapoff-longifide'])

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rite the cocneters, or f df euc_distance(lat_1, Long1, lat2, Long2)! #lat/Long calculation f each mod

return((((a+1-la+2) **2+(long1-long2) **2) **0.5)

and function def passenger_count((Lat1, Long1, lat2, Long2))) *1 #distance Sorted by one Passanger

def passager-count ((Lat1; Long1; Long2);) \$2 # distance Sorted by two Passenger

df['lassenger'] = evc_distance (df['passenger_count], #fillidays and droposif locations df[passenger-coun1']. sorted by 1,2, or 3 Passergers

df[passenger-count2']

This code has the same Euclidean Distance Formula. only differed is that code I has it sorted depending which faves drove one two , on three passengers

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