CSV -- > DB

Csv has Date/Time, lat, lon, Base

We will use row n for Date/Time, pickup lat, lon

And row n+1 for Date/Time, dropoff lat, lon

**Notice the change of lon to lng here**

Urls:

/allpickups --

request: start day, end day, start hour, end hour, start min, end min

🡪 returns JSON string of {lat, lng, weight}

/alldropoffs

request: start day, end day, start hour, end hour, start min, end min

🡪returns JSON String of{lat, lng, weight}

/pickups 🡪 this is used to get data for the given lat lngs found by using getPoints() in [Polygon](https://developers.google.com/android/reference/com/google/android/gms/maps/model/PolygonOptions.html#getPoints())  so this is just for points within the bounds.

request: start day, end day, start hour, end hour, start min, end min, List<[latlng](https://developers.google.com/android/reference/com/google/android/gms/maps/model/LatLng)>

response: return the top 5 locations within that bound,

in case of null list, return for entire table.

/drop-offs 🡪 this is used to get data for the given lat lngs found by using getPoints() in [Polygon](https://developers.google.com/android/reference/com/google/android/gms/maps/model/PolygonOptions.html#getPoints())  so you get two points,

request: start day, end day, start hour, end hour, start min, end min, List<[latlng](https://developers.google.com/android/reference/com/google/android/gms/maps/model/LatLng)>

response: return the top 5 locations within that bound,

in case of null list, return for entire table.

/route 🡪

Request: start day, end day, start hour, end hour, start min, end min, List<[latlng](https://developers.google.com/android/reference/com/google/android/gms/maps/model/LatLng)>

Response: returns only one route…most common pickup and dropoff pair.