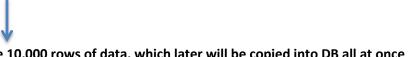**Program's Overview**

Randomly generated user data stream (ID, Name, Current Time, Some random Location point (x,y) , and 6 other columns)

Two text files as buffers, to save 10,000 rows of data, which later will be copied into DB all at once

Text file buffer to save all data except user's location point coordinates

Text file buffer to only save user's location as coordinates(x,y)

Tempt Table used for changing Location format

(The location cannot be copied as geoPoint directly, first I have to change coordinates to PostGISpoint format inside a Temp table and then use copy command)

Copy **(x,y)**

Main Table in DB

Copy **location Points**

Copy rest of data to DB

Request user info of those that were in random Geo area in random time interval

Results for select request