Program Flow for Task of Local Order

Start Shell Script

If Event Mapfile can support the Time window — N → Create New Event Mapfile

Y

If User_contacts Mapfile can support — N → Create New User_contacts Mapfile

Y

If Stub_trans feed files for all platform can support — N → Create All Platform Stub_trans Feed fiels

Y

Run Transaction Record MR Program

Run Geography MR Program

Add Hive Partition if needed

AllCountries.txt

Zipcode.csv

Transaction Record

Country Code

Zip code

Zipcode Lookup Mapfile

Lookup Latitude/Longitude

Tz_world_mp Shapfile

Find timezone according to Lat/Long in world map

Output the timezone