

READ ME FILE

Data Source:

1. Official DMRC website (<https://delhimetrorail.com/map>)
2. Google map for distance as fare is calculated according to distance

Assumptions Made:

1. The interchange delay is taken to be 3 minutes
2. The time calculation is done in 24 hours format
3. This code has only 2 interchange points i.e Janakpuri West and Botanical Garden.
4. The frequency of metro is taken to be 4 minutes for time between (8-10 AM and 5-7 AM) and 8 minutes for time period other than this.
5. The fares have been consecutively added so the result might differ from the official dmrc website.

Instruction to run the code:

1. Type the station name accurately with proper capital letter and spacing wherever required(for eg: dwarkasector 21 this is not right , the right way is Dwarka Sector 21)
2. Use the proper (HH:MM) order to input the time you need not type time in 24 hour format just type normally HH:MM.
3. Make sure to have python 3+version

4. Put both metro_data.txt and metro_simulator file in the same folder.