

IMN Extraction >

[Download here!](#)

An open-source implementation of the algorithm for extracting Individual Mobility Network (IMN) based on the mobility history of a user. The mobility history includes position information, and optional events and crashes of the user during a specific period of time.

Input Parameters

The main application can be executed using the following command:

```
>> python3 imn_extractor.py host port db input_col output_col  
users_filename adaptive max_speed space_treshold time_treshold  
from_date to_date min_traj_nbr min_length min_duration
```

The input parameters are:

- host: The hostname of the MongoDB database
- port: The port number of the MongoDB database
- db: The name of the MongoDB database to read input data
- input_col: The collection in the MongoDB database that contains the input data (positions, events and crashes)

[>> More Info](#)