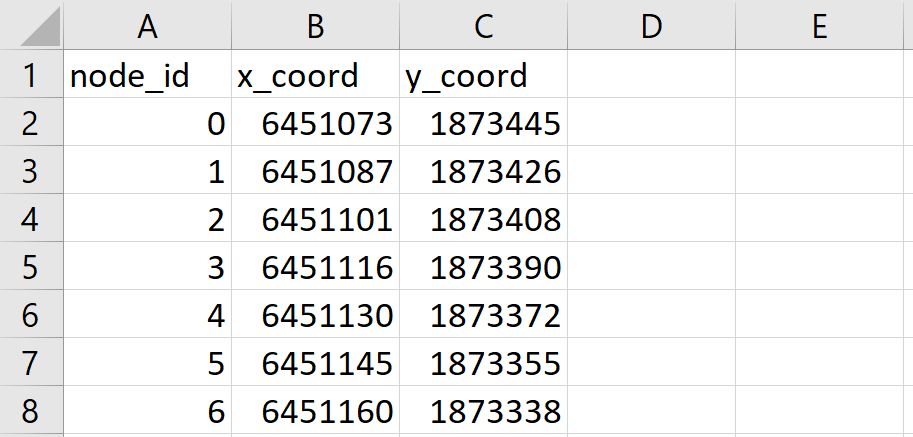
**User Guide of the MapMatching Program**

Please send your comments to [xzhou74@asu.edu](mailto:xzhou74@asu.edu) if you have any suggestions and questions.

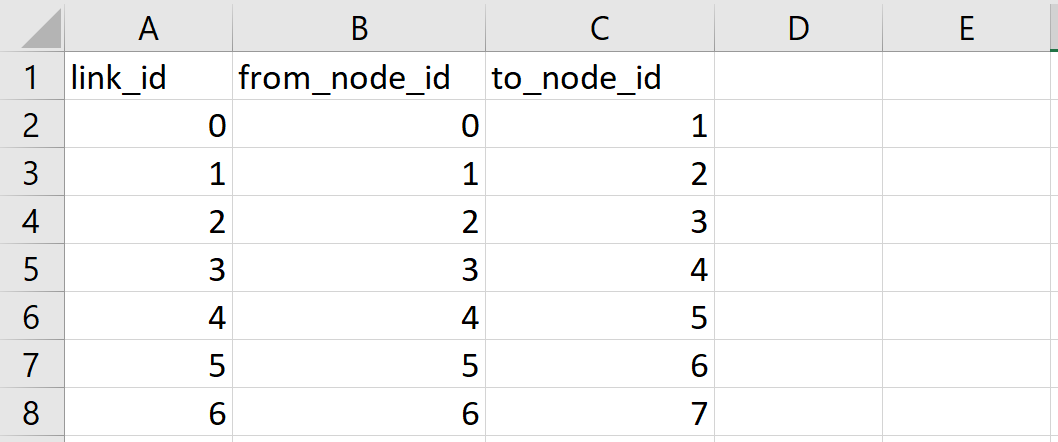
1. **Data flow**

|  |  |
| --- | --- |
| Input files | Output files |
| node.csv | output\_agent.csv |
| road\_link.csv |
| input\_agent.csv |
| Trajectory.csv |

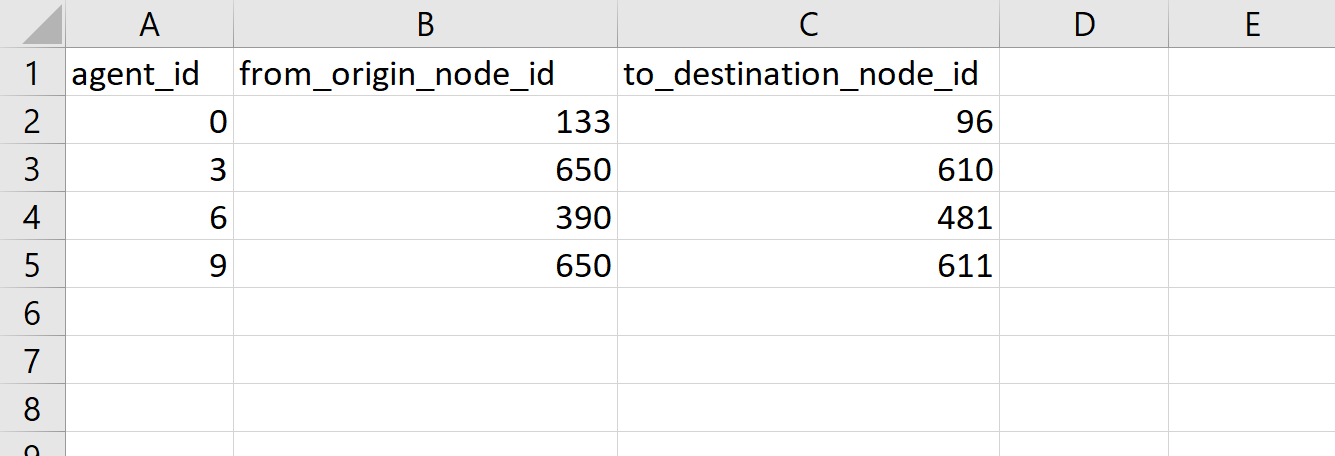
node.csv gives basic node information of the target network, including node\_id, x\_coord and y\_coord.



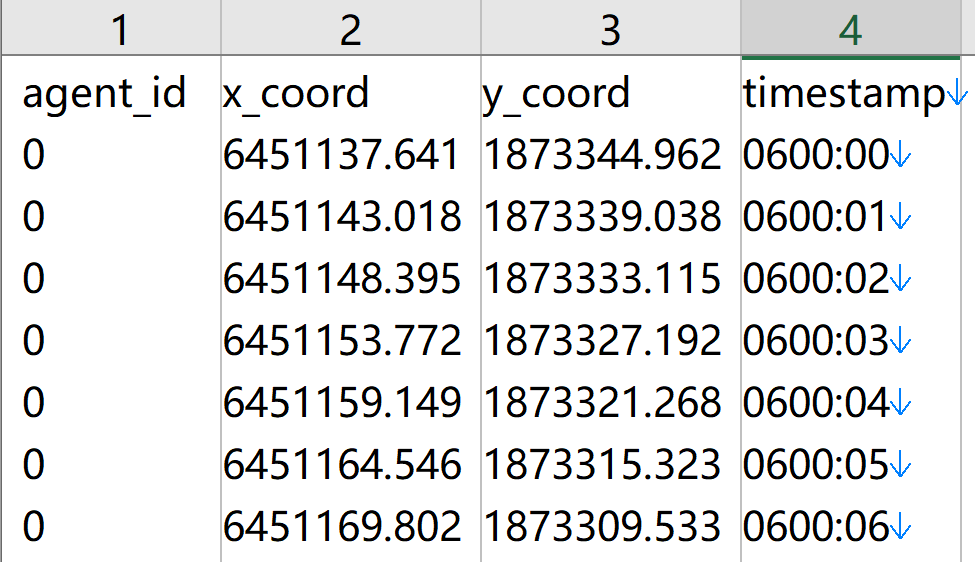
road\_link.csv gives basic link information of the target network, including link\_id, from\_node\_id and to\_node\_id. In the current version, a straight line is assumed to connect from node and to link of each link.



input\_agent.csv gives the origin\_node\_id and destination\_node\_id of each agent.



trajectory.csv gives trajectory points of each agent. The timestamp format used here is hhmm:ss.



output\_agent.csv is the output file of the program. A most-likely path is given for each agent based on input trajectories.

