Where to get road network?
OpenStreetMap files:

- Customized: https://www.openstreetmap.org
- Region based: Mapzen and geofabrik

Then, use **osm4routing** to obtain the text formatted data.

Shortest path query?
Dijkstra is not efficient, neither nor A*.

Contraction Hierarchy:
- **RoutingKit** in C++
- Java code: https://github.com/navjindervirdee/Advanced-Shortest-Paths-Algorithms