

InfluxDB

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graph TD; InfluxDB[InfluxDB] --> QSD[Query Speed Data]; InfluxDB --> QCD[Query Count Data]; QSD --> GRT[Generate Random Trips]; QCD --> GRT; GRT --> LSP[Load Sensor Placements]; LSP --> LSN[Load SUMO Network]; LSN --> AS[Apply Scaling]; AS --> GEDF[Generate Edge Data File]; GEDF --> RST[routeSampler Tool]; RST --> GDF[Generate Demand Files];
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The flowchart illustrates the workflow of the routeSampler Tool. It begins with InfluxDB at the top, which branches into two parallel paths: Query Speed Data and Query Count Data. Both paths converge into a single step, Generate Random Trips. This is followed by a sequential process: Load Sensor Placements, Load SUMO Network, Apply Scaling, Generate Edge Data File, routeSampler Tool, and finally Generate Demand Files. The steps are represented by a mix of rectangles and rounded rectangles, with some data inputs highlighted in grey.

Query Speed Data

Query Count Data

Generate Random Trips

Load Sensor Placements

Load SUMO Network

Apply Scaling

Generate Edge Data File

routeSampler Tool

Generate Demand Files