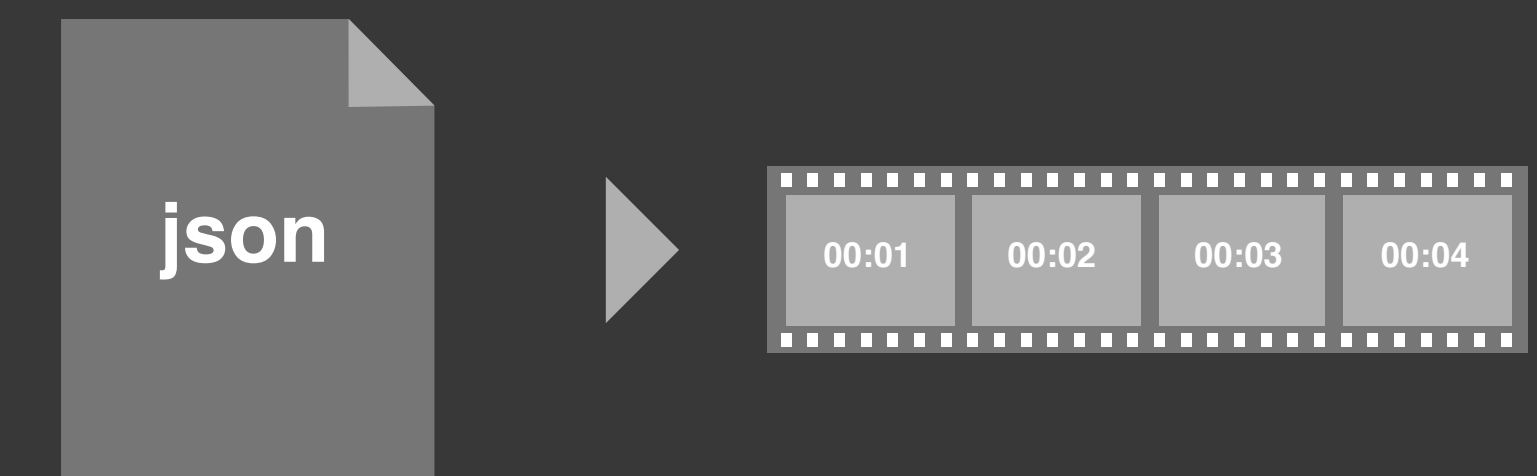


## How it Works

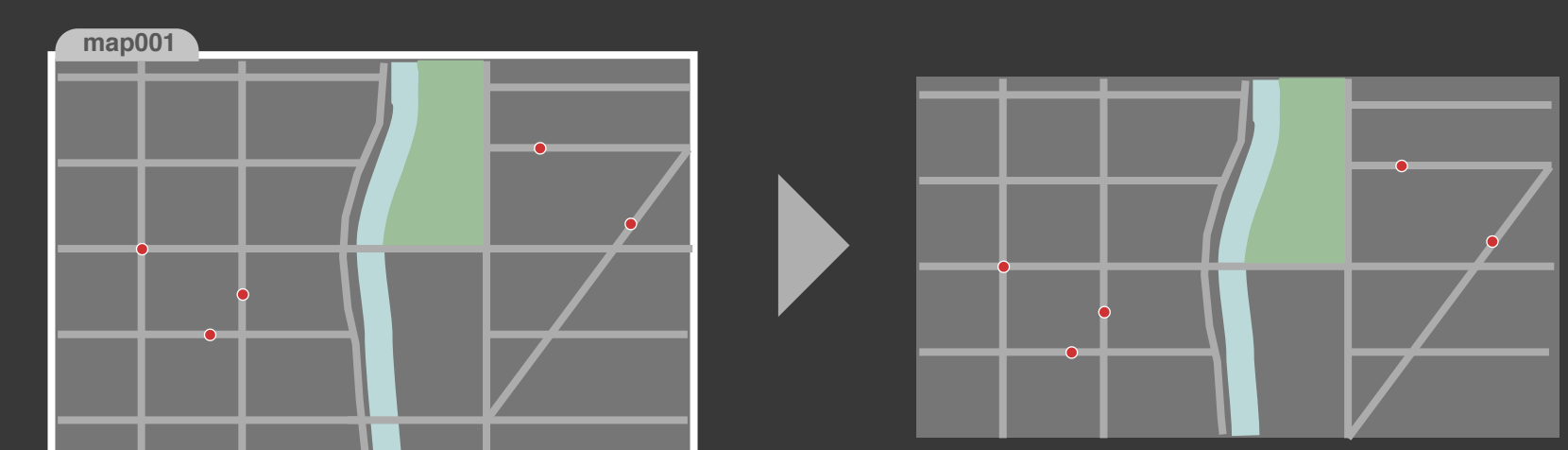
### 1) Group data into frame times



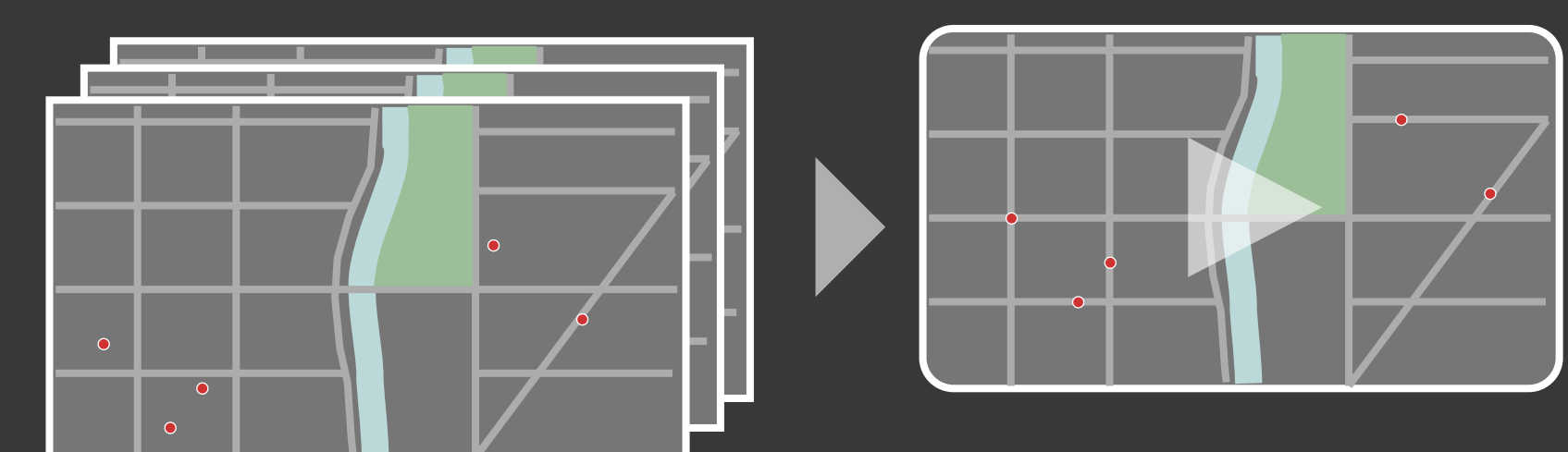
### 2) Generate Folium HTML files



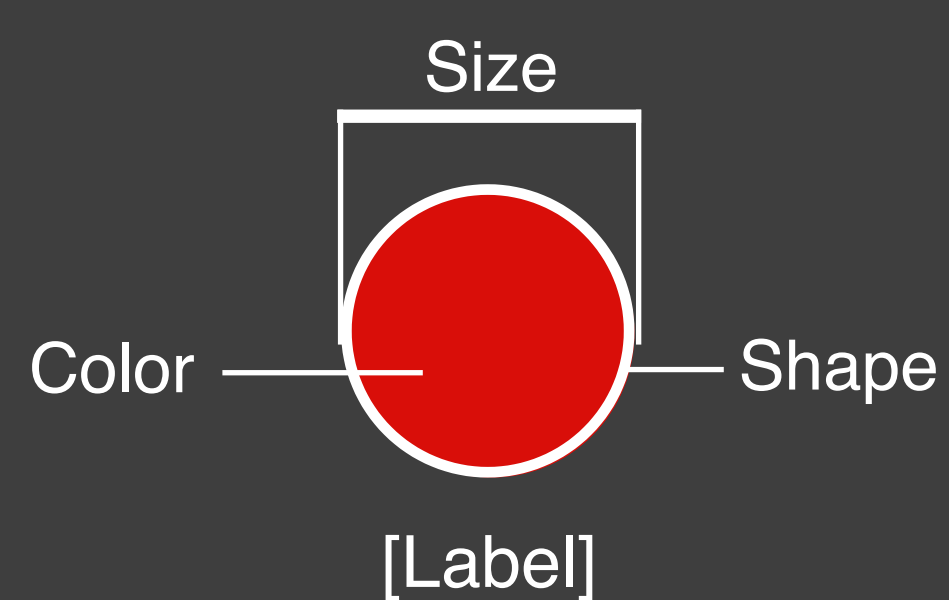
### 3) Convert HTML to images



### 4) Convert images to video



#### Vehicles



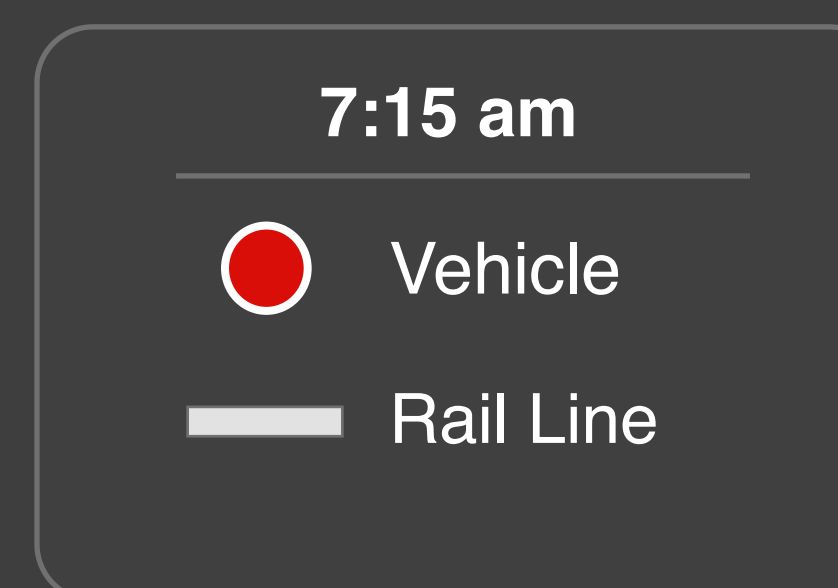
Users can pass custom functions to change icon size, color, shape, and labels based on data. Icons can change in the middle of trips, allowing users to show data such as speed, passenger count, or on-time status.

#### Lines



Users can easily add in polylines to represent rail or bus lines. They can also customize color and width by passing custom functions.

#### Legend



Legends are automatically generated based on the provided icons. Additionally, the current time in the system is displayed.