Street Sweepers

Why we need the data?

- Creating heat map of stopped traffic instances

Date	Time	Incident	Camera Name
2020/10/28	13:55	incident_slow	N_I-24 WB @ Ellington Parkway (MM 48.17) (R3-006) - Nashville
2020/10/28	13:53	incident_congestion	N_I-24 WB w/o Ellington Parkway (MM 47.54) (R3_007) - Nashville
2020/10/28	13:51	incident_slow	M_I-55 north of Shelby Dr. - Memphis
2020/10/28	13:49	incident_stopped	K_I-40 @ Knoxville Zoo - Knoxville
2020/10/28	13:48	incident_stopped	N_I-65 NB s/o Hogan Road (MM 76.05) (R3_087) - Nashville
2020/10/28	13:46	incident_stopped	N_I-24 WB w/o Ellington Parkway (MM 47.54) (R3_007) - Nashville

Where did we sweep up the data?

- Making use of available API from TrafficVision
- API: http://docs.trafficvision.com/developer-tab/
- Source: https://tndemo.trafficvision.com:4443

```
[4] def get_realtime_data(tv_host='', username='', password=''):
        url = 'https://' + str(tv_host) + '/realtime_data'

        try:
            r = requests.get(url, auth=(username,password), verify=False, timeout=TIMEOUT)
            if r.status_code == requests.codes.ok:
                return r.json()
        except Exception as e:
            return {'error': e}

        return {'error': r.status_code}
```