

# Background on the API

- \* **The primary Indego bike-share station API is available here:**
  - \* **<https://www.rideindego.com/stations/json/>**
- \* **The API is simply a GeoJSON file that lists each of the stations and provides some (real-time?) data on each one**
- \* **In my opinion, the most interesting things that are provided about each station by the API are:**
  - \* **"kioskId" (station identification number; currently 3000 to 3200)**
  - \* **Location (GPS coordinates, street address, and zip/postal code)**
  - \* **Available number of bicycles and docks**
  - \* **Total number of docks (occasionally not equal to available bikes+docks!)**

# Example

- \* This is an example showing three (3) stations
- \* This is not even all of the data available for each station; just the values that interest me most
- \* Each station has about 30 API properties available, but only about half of those are truly useful

```
{
  "name": "Municipal Services Building Plaza",
  "latitude": 39.95378,
  "longitude": -75.16374,
  "addressStreet": "1401 John F. Kennedy Blvd.",
  "addressZipCode": "19102",
  "bikesAvailable": 5,
  "docksAvailable": 25,
  "totalDocks": 30
}
{
  "name": "Welcome Park, NPS",
  "latitude": 39.94733,
  "longitude": -75.14403,
  "addressStreet": "191 S. 2nd St.",
  "addressZipCode": "19106",
  "bikesAvailable": 12,
  "docksAvailable": 1,
  "totalDocks": 13
}
{
  "name": "40th & Spruce",
  "latitude": 39.9522,
  "longitude": -75.20311,
  "addressStreet": "246 S. 40th St.",
  "addressZipCode": "19104",
  "bikesAvailable": 3,
  "docksAvailable": 14,
  "totalDocks": 17
}
```