Chicago Social Hub 🍴🍸🍽

Places   Divvy HeatMap

Chicago Social Hub 🍴🍸☕

Find

Restaurants, Bars, Cafe, ...

Where

Near me, ...

Go 🔍

Chicago Social Hub 🍴🍸☕

Find Another Place 🔍
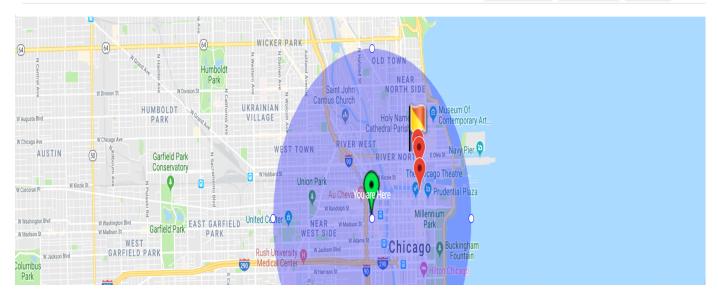
Name	Phone	Address	Closed	Rating	Review Count	
Pizzeria Due	(312) 943-2400	619 N Wabash Ave	false	3.5	947	**Divvy Near by**
Bongiorno's Italian Deli & Pizzeria	(312) 755-1255	405 N Wabash Ave	false	4	555	**Divvy Near by**
Exchequer Restaurant & Pub	(312) 939-5633	226 S Wabash Ave	false	3.5	535	**Divvy Near by**
Vapiano Chicago Loop	(312) 384-1960	44 S Wabash Ave	false	3.5	650	**Divvy Near by**
Flo & Santos	(312) 566-9817	1310 S Wabash Ave	false	4	821	**Divvy Near by**

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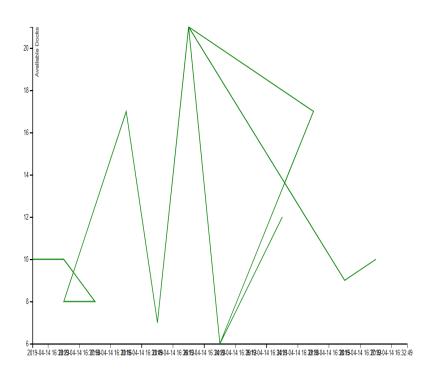
[Find Another Place 🔍] [Home]

ID	stationName	availableBikes	availableDocks	is_renting	lastCommunicationTime	latitude	longitude	status	totalDocks	Action
199	Wabash Ave & Grand Ave	2	28	true	2019-04-22, 11:11:47 pm	41.891466	-87.626761	IN_SERVICE	31	[Stacked-Bar Chart] [Real Time Chart] [SMA Chart]
125	Rush St & Hubbard St	0	23	true	2019-04-22, 11:11:46 pm	41.890173	-87.626185	IN_SERVICE	23	[Stacked-Bar Chart] [Real Time Chart] [SMA Chart]
194	Wabash Ave & Wacker Pl	7	12	true	2019-04-22, 11:13:43 pm	41.886875	-87.62603	IN_SERVICE	19	[Stacked-Bar Chart] [Real Time Chart] [SMA Chart]

Home

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Time Range

☐ Last 1 Hour SMA   ☐ Last 24 Hour SMA

Line Chart for last 1 hour(s)

```
C:\WINDOWS\system32\cmd.exe - logstash  -f logstash.conf                                    —    ☐    ✕

              "location" => "",
                "status" => "IN_SERVICE",
             "longitude" => -87.683282,
             "statusKey" => 1,
              "latitude" => 41.939354
}
{

           "stAddress2" => "",
          "testStation" => false,
            "kioskType" => "K3_FULL",
           "stAddress1" => "South Chicago Ave & Elliot Ave",
           "postalCode" => "60617",
                   "id" => 665,
        "availableDocks" => 4,
                 "city" => "Chicago",
           "totalDocks" => 7,
           "is_renting" => true,
             "altitude" => "",
          "statusValue" => "In Service",
        "availableBikes" => 3,
             "landMark" => "19031",
   "lastCommunicationTime" => "2019-04-14 16:32:12",
          "stationName" => "South Chicago Ave & Elliot Ave",
             "location" => "",
                "status" => "IN_SERVICE",
             "longitude" => -87.580046,
             "statusKey" => 1,
              "latitude" => 41.747363
}
```

```
C:\WINDOWS\system32\cmd.exe - elasticsearch.bat                                             —    ☐    ✕

[2019-04-15T03:04:11,129][INFO ][o.e.x.s.a.s.FileRolesStore] [MAQBo3F] parsed [0] roles from file [C:\Users\SUYOG\Downlo
ads\Compressed\elasticsearch-6.6.1\elasticsearch-6.6.1\config\roles.yml]
[2019-04-15T03:04:12,097][INFO ][o.e.x.m.p.l.CppLogMessageHandler] [MAQBo3F] [controller/28276] [Main.cc@109] controller
 (64 bit): Version 6.6.1 (Build a033f1b9679cab) Copyright (c) 2019 Elasticsearch BV
[2019-04-15T03:04:12,788][DEBUG][o.e.a.ActionModule       ] [MAQBo3F] Using REST wrapper from plugin org.elasticsearch.x
pack.security.Security
[2019-04-15T03:04:13,148][INFO ][o.e.d.DiscoveryModule    ] [MAQBo3F] using discovery type [zen] and host providers [set
tings]
[2019-04-15T03:04:14,091][INFO ][o.e.n.Node               ] [MAQBo3F] initialized
[2019-04-15T03:04:14,091][INFO ][o.e.n.Node               ] [MAQBo3F] starting ...
[2019-04-15T03:04:14,787][INFO ][o.e.t.TransportService   ] [MAQBo3F] publish_address {127.0.0.1:9300}, bound_addresses
{127.0.0.1:9300}, {[::1]:9300}
[2019-04-15T03:04:17,918][INFO ][o.e.c.s.MasterService    ] [MAQBo3F] zen-disco-elected-as-master ([0] nodes joined), re
ason: new_master {MAQBo3F}{MAQBo3F_Tei98W7gU78QMQ}{0H04rfDGQ_CZ1au8-rakaQ}{127.0.0.1}{127.0.0.1:9300}{ml.machine_memory=
12751376384, xpack.installed=true, ml.max_open_jobs=20, ml.enabled=true}
[2019-04-15T03:04:17,925][INFO ][o.e.c.s.ClusterApplierService] [MAQBo3F] new_master {MAQBo3F}{MAQBo3F_Tei98W7gU78QMQ}{0
H04rfDGQ_CZ1au8-rakaQ}{127.0.0.1}{127.0.0.1:9300}{ml.machine_memory=12751376384, xpack.installed=true, ml.max_open_jobs=
20, ml.enabled=true}, reason: apply cluster state (from master [master {MAQBo3F}{MAQBo3F_Tei98W7gU78QMQ}{0H04rfDGQ_CZ1au
8-rakaQ}{127.0.0.1}{127.0.0.1:9300}{ml.machine_memory=12751376384, xpack.installed=true, ml.max_open_jobs=20, ml.enabled
=true} committed version [1] source [zen-disco-elected-as-master ([0] nodes joined)]])
[2019-04-15T03:04:18,639][INFO ][o.e.h.n.Netty4HttpServerTransport] [MAQBo3F] publish_address {127.0.0.1:9200}, bound_ad
dresses {127.0.0.1:9200}, {[::1]:9200}
[2019-04-15T03:04:18,655][INFO ][o.e.n.Node               ] [MAQBo3F] started
[2019-04-15T03:04:18,802][WARN ][o.e.x.s.a.s.m.NativeRoleMappingStore] [MAQBo3F] Failed to clear cache for realms [[]]
[2019-04-15T03:04:18,870][INFO ][o.e.l.LicenseService     ] [MAQBo3F] license [02c8e758-57a7-40ac-8858-91f025704bd1] mod
e [basic] - valid
[2019-04-15T03:04:18,889][INFO ][o.e.g.GatewayService     ] [MAQBo3F] recovered [3] indices into cluster_state
[2019-04-15T03:04:21,621][INFO ][o.e.c.r.a.AllocationService] [MAQBo3F] Cluster health status changed from [RED] to [YEL
LOW] (reason: [shards started [[chicago_yelp_reviews][4], [chicago_yelp_reviews][2]] ...]).
```

← → C ⓘ localhost:8888/notebooks/divvy_stations_status_logs.ipynb

::: Apps G Google in LinkedIn ▣ Blackboard ◤ MyIIT ◆ Informatica ▤ JMR815 ○ GitHub - D3 ◉ bl.ocks.org ◈ D3.js Tutorial ▦ Update graph data... G Gmail

◯ jupyter   divvy_stations_status_logs Last Checkpoint: 04/08/2019 (autosaved)

File	Edit	View	Insert	Cell	Kernel	Widgets	Help

🖫 ➕ ✂ 🗐 📋 ⬆ ⬇ ▶ Run ■ C ▶▶ | Code ▾ | ⌨

```
                    print(e)
```

In [ ]: ▶

In [*]: ▶
```python
while True:

    response = urllib.request.urlopen('https://feeds.divvybikes.com/stations/stations.json')

    # Extract the body of the reply
    response_body = response.read()

    # Decode the format in json format
    stations_json = json.loads(response_body.decode("utf-8"))

    stations_json = stations_json['stationBeanList']

    for item in stations_json:
        if item["city"] == "Chicago ":
            item["city"] = "Chicago"

    for stations in stations_json:
        sock.send(json.dumps(stations).encode('utf-8'))
        sock.send(b'\n')


    # Sleep for 125 seconds; divvy updates its stations status every 2 minutes
    print('Sent Heartbeat to Divvy Servers and Going to sleep for 125 seconds now ...')
    time.sleep(125)
    continue
```

```
Sent Heartbeat to Divvy Servers and Going to sleep for 125 seconds now ...
```

In [ ]: ▶
```python
sock.close()
```