

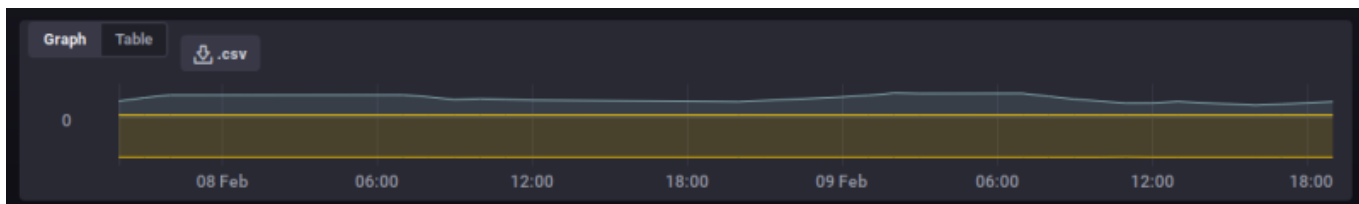
# Mi primer mapa

## Tomar datos de la base de datos

Interfaz gráfica para tomar datos:

[http://aqa.unloquer.org:8888/sources/1/chronograf/data-explorer?query=SELECT%20mean%28%22pm25%22%29%20AS%20%22mean\\_pm25%22%2C%20mean%28%22lat%22%29%20AS%20%22mean\\_lat%22%2C%20mean%28%22lng%22%29%20AS%20%22mean\\_lng%22%20FROM%20%22aqa%22.%22autogen%22.%22volker0003%22%20WHERE%20time%20%3E%20now%28%29%20-%202d%20AND%20%22id%22%3D%27volker0003%27%20GROUP%20BY%20time%281h%29%20FILL%28none%29](http://aqa.unloquer.org:8888/sources/1/chronograf/data-explorer?query=SELECT%20mean%28%22pm25%22%29%20AS%20%22mean_pm25%22%2C%20mean%28%22lat%22%29%20AS%20%22mean_lat%22%2C%20mean%28%22lng%22%29%20AS%20%22mean_lng%22%20FROM%20%22aqa%22.%22autogen%22.%22volker0003%22%20WHERE%20time%20%3E%20now%28%29%20-%202d%20AND%20%22id%22%3D%27volker0003%27%20GROUP%20BY%20time%281h%29%20FILL%28none%29)

Resultado:



Desde la consola: `curl -G 'http://aqa.unloquer.org:8086/query?pretty=true' -data-urlencode "db=aqa" -data-urlencode "q=SELECT mean(\"pm25\") AS \"mean_pm25\", mean(\"lat\") AS \"mean_lat\", mean(\"lng\") AS \"mean_lng\" FROM \"aqa\".\"autogen\".\"volker0003\" WHERE time > now() - 2d AND \"id\"='volker0003' GROUP BY time(1h) FILL(none)\"`

Resultado:

{

```

"results": [
  {
    "statement_id": 0,
    "series": [
      {
        "name": "volker0003",
        "columns": [
          "time",
          "mean_pm25",
          "mean_lat",
          "mean_lng"
        ],
        "values": [
          [
            "2018-02-08T01:00:00Z",
            32.810810810810814,
            6.230035000000003,
            -75.593722000000033
          ],
          [
            "2018-02-08T02:00:00Z",
            39.39138240574506,

```

```
6.2300350000000355,  
-75.59372199999997  
],  
[  
"2018-02-08T03:00:00Z",  
44.475,  
6.230035000000006,  
-75.59372199999981  
],  
[  
"2018-02-08T12:00:00Z",  
44.63776493256262,  
6.229973177263945,  
-75.59365955298587  
],  
[  
"2018-02-08T13:00:00Z",  
40.78803418803419,  
6.229972999999975,  
-75.59365999999928  
],  
[  
"2018-02-08T14:00:00Z",  
35.65263157894737,  
6.229972999999975,  
-75.59365999999929  
],  
[  
"2018-02-08T15:00:00Z",  
37.39378238341969,  
6.229972999999975,  
-75.59365999999928  
],  
[  
"2018-02-08T16:00:00Z",  
36.037996545768564,  
6.229972999999975,  
-75.59365999999928  
],  
[  
"2018-02-08T17:00:00Z",  
34.48913043478261,  
6.229972999999977,  
-75.59365999999997  
],  
[  
"2018-02-09T01:00:00Z",  
31.5,  
6.235277875,
```

```
- 75.59620662500001  
],  
[  
  "2018-02-09T02:00:00Z",  
  33.726027397260275,  
  6.231224999999997,  
  -75.59451999999997  
],  
[  
  "2018-02-09T05:00:00Z",  
  40.661904761904765,  
  6.231224999999996,  
  -75.59452000000002  
],  
[  
  "2018-02-09T06:00:00Z",  
  43.7677304964539,  
  6.231224999999996,  
  -75.59451999999993  
],  
[  
  "2018-02-09T07:00:00Z",  
  48.33516483516483,  
  6.231224999999996,  
  -75.594519999999932  
],  
[  
  "2018-02-09T08:00:00Z",  
  47.556,  
  6.231224999999996,  
  -75.59452000000002  
],  
[  
  "2018-02-09T12:00:00Z",  
  47.758389261744966,  
  6.2340287919462725,  
  -75.5977085536911  
],  
[  
  "2018-02-09T13:00:00Z",  
  41.83815028901734,  
  6.231248396917137,  
  -75.59438644123256  
],  
[  
  "2018-02-09T14:00:00Z",  
  36.49906890130354,  
  6.230007999999999,  
  -75.593631999999936  
],  
[
```

```
        "2018-02-09T15:00:00Z",
        32.43396226415094,
        6.230007999999999,
        -75.5936319999994
    ],
    [
        "2018-02-09T16:00:00Z",
        29.077199281867145,
        6.230007985637342,
        -75.32220064631883
    ],
    [
        "2018-02-09T17:00:00Z",
        29.201149425287355,
        6.230007999999999,
        -75.59363200000006
    ],
    [
        "2018-02-09T18:00:00Z",
        31.894736842105264,
        6.229805087719302,
        -75.59358684210534
    ],
    [
        "2018-02-09T21:00:00Z",
        24.599348534201955,
        6.230768218241036,
        -75.59474654071653
    ],
    [
        "2018-02-09T22:00:00Z",
        26.60299625468165,
        6.232801999999993,
        -75.59700199999999
    ],
    [
        "2018-02-09T23:00:00Z",
        29.495049504950494,
        6.232801999999995,
        -75.59700200000019
    ],
    [
        "2018-02-10T00:00:00Z",
        31.612068965517242,
        6.232801999999993,
        -75.59700200000019
    ]
    ]
}
```

```
    ]  
  }  
]
```

```
}
```

```
npm install -g create-react-app
```

```
create-react-app primermapa
```

```
cd primermapa
```

```
npm install
```

```
npm start
```

## Mapas con react

Comparación librerías de mapas en react →

<https://gist.github.com/stereobooster/13a26188d4ad5382bc6da9ffe76ce3e1>

<https://github.com/mariusandra/pigeon-maps>

<https://github.com/PaulLeCam/react-leaflet>

<https://github.com/tomchentw/react-google-maps>

<https://www.react-simple-maps.io/>

<http://map.reactd3.org/gallery/>

<https://uber.github.io/react-map-gl/#/>

[http://maptalks.org/examples/en/style/image-marker/#style\\_image-marker](http://maptalks.org/examples/en/style/image-marker/#style_image-marker)

<http://map.reactd3.org/gallery/>

## React Leaflet

```
npm install leaflet prop-types react react-dom react-leaflet
```

<https://react-leaflet.js.org/docs/en/plugins.html>

sidebar → <https://github.com/Turbo87/sidebar-v2>

**Repositorio** → <https://github.com/unloquer/primermapa>

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