

CITYBIKE-STATS

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INTERACTIVE DATA VISUALISATION 2018

BIKES



BIKES



BIKES



BIKES



BIKES



BIKES

BIKES EVERYWHERE



MEANWHILE



MEANWHILE



MEANWHILE



MEANWHILE



alepa ♥



HSL.FI/KAUPUNKIPYÖRÄT

PRAT

TASKS

Balancing aid

**Availability on
my favourite stations**

Fun

Index of /tmp/citybikes/

../		
stations	02-May-2018 07:54	35053
stations_201604.zip	08-Jul-2016 15:41	95679
stations_201605.zip	08-Jul-2016 15:39	47645147
stations_201606.zip	08-Jul-2016 15:39	48652504
stations_201607.zip	05-Aug-2016 11:37	53148004
stations_201610.zip	08-Mar-2017 15:04	42763718
stations_201611.zip	08-Mar-2017 15:06	493138
stations_201612.zip	08-Mar-2017 15:06	16742
stations_201701.zip	08-Mar-2017 15:06	46149
stations_201702.zip	08-Mar-2017 15:07	51704
stations_201703.zip	12-Jun-2017 13:42	203082
stations_201704.zip	12-Jun-2017 13:42	1062504
stations_201705.zip	12-Jun-2017 13:42	149804902
stations_201706.tar.xz	12-Aug-2017 12:38	3037512
stations_20170701T0000001Z	01-Jul-2017 00:00	20975
stations_20170701T000101Z	01-Jul-2017 00:01	20975
stations_20170701T000201Z	01-Jul-2017 00:02	20975
stations_20170701T000301Z	01-Jul-2017 00:03	20975
stations_20170701T000401Z	01-Jul-2017 00:04	20975
stations_20170701T000501Z	01-Jul-2017 00:05	20975
stations_20170701T000601Z	01-Jul-2017 00:06	20975
stations_20170701T000701Z	01-Jul-2017 00:07	20975
stations_20170701T000801Z	01-Jul-2017 00:08	20975
stations_20170701T000901Z	01-Jul-2017 00:09	20975
stations_20170701T001001Z	01-Jul-2017 00:10	20975
stations_20170701T001101Z	01-Jul-2017 00:11	20974
stations_20170701T001200Z	01-Jul-2017 00:12	20974
stations_20170701T001301Z	01-Jul-2017 00:13	20974
stations_20170701T001401Z	01-Jul-2017 00:14	20974
stations_20170701T001501Z	01-Jul-2017 00:15	20973
stations_20170701T001601Z	01-Jul-2017 00:16	20973
stations_20170701T001701Z	01-Jul-2017 00:17	20973
stations_20170701T001801Z	01-Jul-2017 00:18	20974
stations_20170701T001901Z	01-Jul-2017 00:19	20976
stations_20170701T002001Z	01-Jul-2017 00:20	20977
stations_20170701T002101Z	01-Jul-2017 00:21	20977
stations_20170701T002201Z	01-Jul-2017 00:22	20978
stations_20170701T002301Z	17-Aug-2017 12:39	16896

▼ result:

▼ 0:

name: "001 Kaivopuisto"
coordinates: "60.155411,24.950391"
total_slots: 30
free_slots: 14
avl_bikes: 16
operative: true
style: "CB"

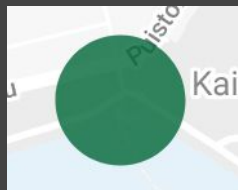
▼ 1:

name: "002 Laivasillankatu"
coordinates: "60.159715,24.955212"
total_slots: 12
free_slots: 9
avl_bikes: 3
operative: true
style: ""

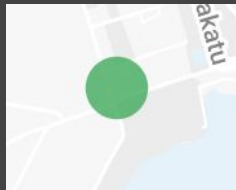
▼ 2:

name: "003 Kapteenipuistikko"
coordinates: "60.158172,24.944808"
total_slots: 16
free_slots: 0
avl_bikes: 24
operative: true
style: ""

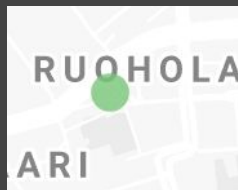
ENCODINGS



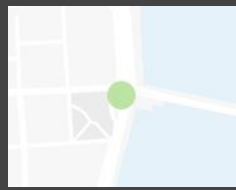
> 20



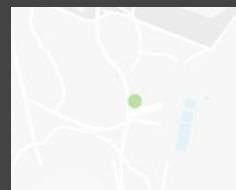
~ 13



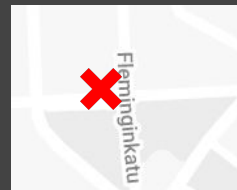
~ 9



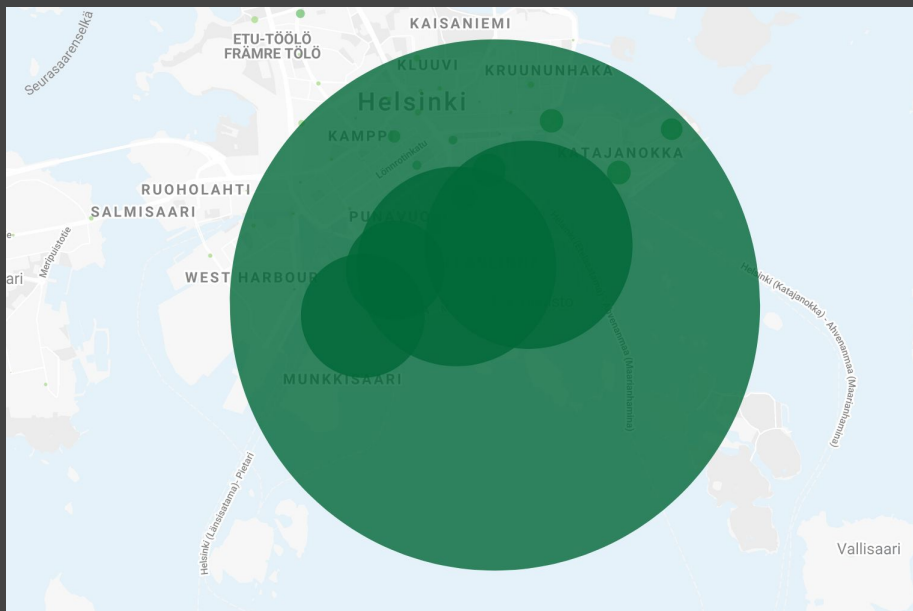
~ 5



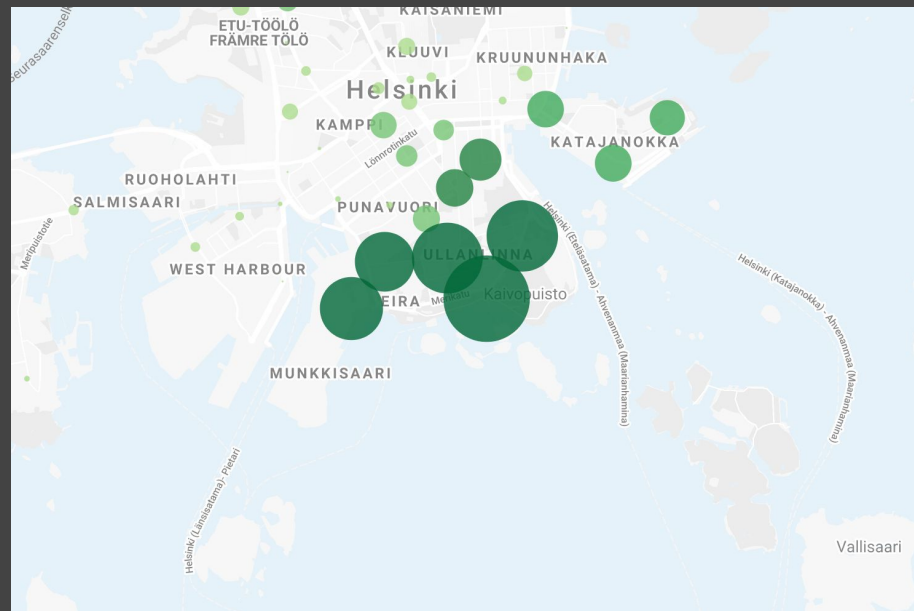
~ 3



< 1



Radius =
availability



Radius =
 $\log(\text{availability})$

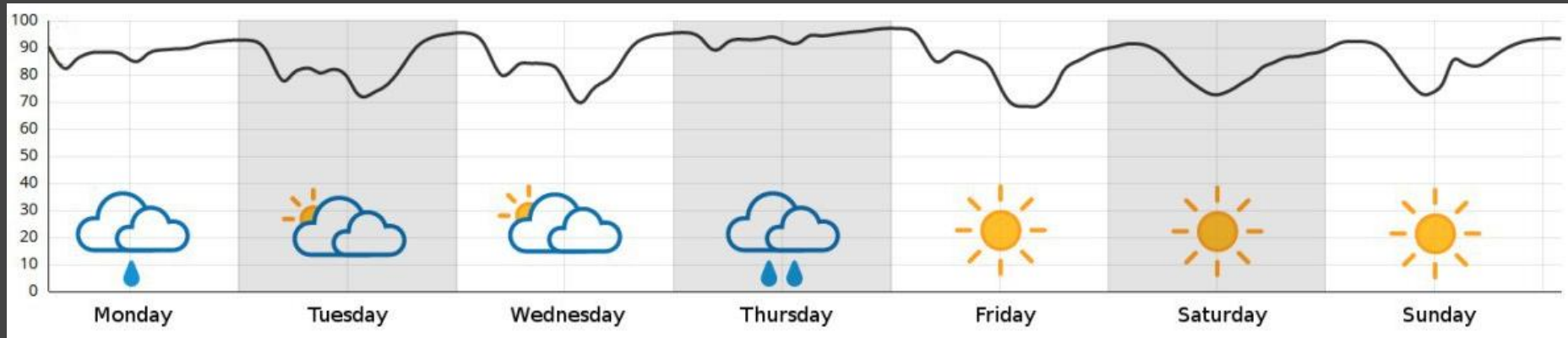
LIMITATIONS

Limited dataset

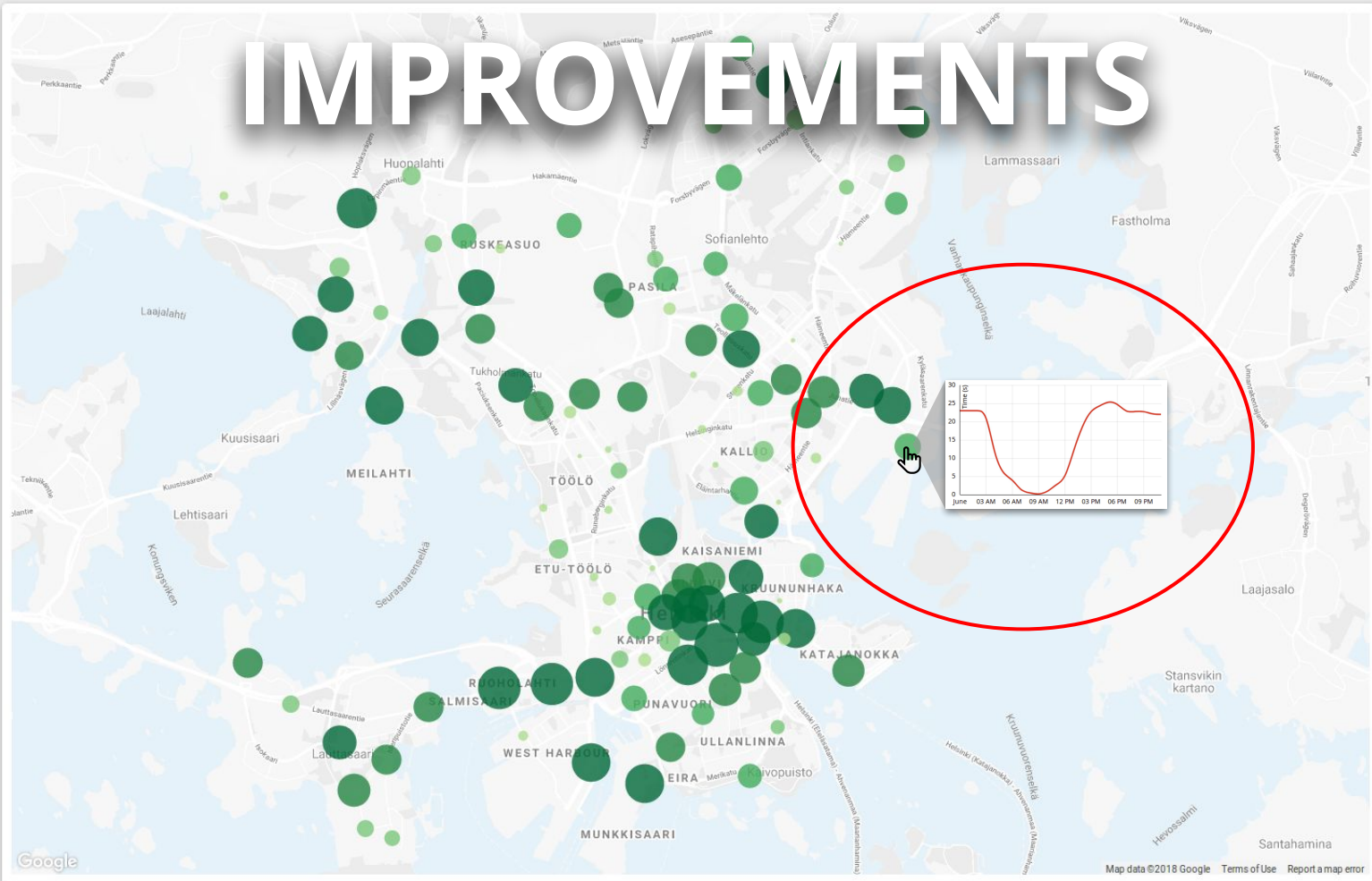
Not live

Does not give predictions

IMPROVEMENTS



IMPROVEMENTS



THANK YOU!

Questions?