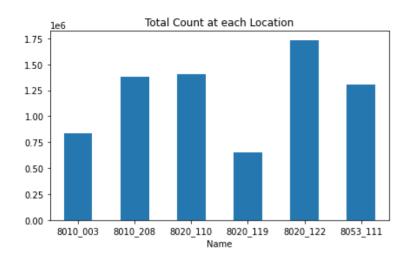
Graz Traffic Data

10.01.2022

Content

- DZS_24h-Zählung-180101_211205.csv
- DZS_div_24h-Zählung-180101_211205.csv
- Verkehr Graz_Vergleich CoVID19_bis KW45_2021 mit DZS 111.xlsx

DZS_24h-Zählung-180101_211205.csv



Negative counts

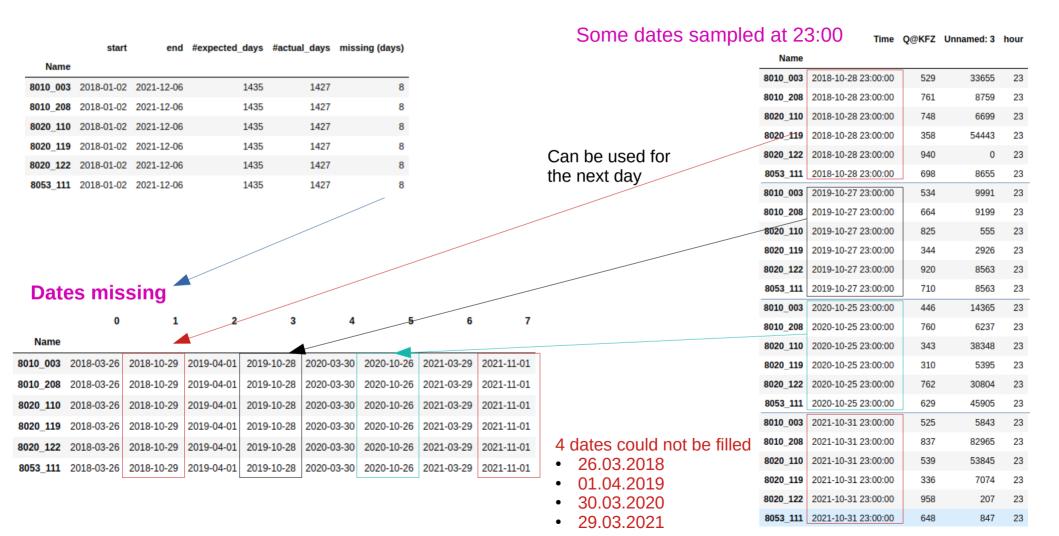
	Name	Q@KFZ	value_count
0	8010_003	0	164
1	8010_003	-1	9
2	8020_110	-1	4
3	8020_110	0	2
4	8020_119	0	2
5	8020_119	-1	1
6	8020_122	-1	3
7	8053_111	0	2
8	8053_111	-1	1





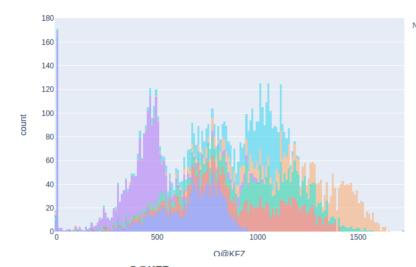


Time Check DZS 24h-Zählung-180101 211205.csv



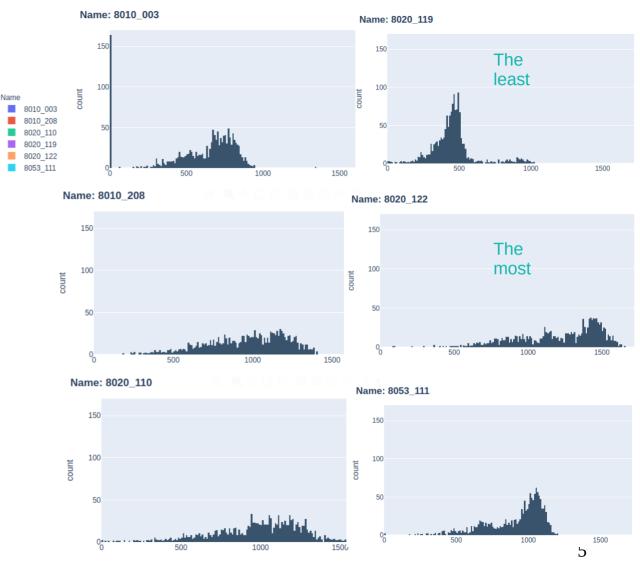
Value Check

Distribution of values



Q@KFZ count mean std min 25% 50% 75% max

Name								
8010_003	1431	583	262	-1	481	675	770	1720
8010_208	1431	963	249	181	786	999	1164	1409
8020_110	1431	981	276	-1	815	1024	1184	1575
8020_119	1431	454	153	-1	382	452	496	1025
8020_122	1431	1212	281	-1	1008	1283	1443	1655
8053_111	1431	912	198	-1	793	982	1059	1209



DZS_div_24h-Zählung-180101_211205.csv

full name

8010 205

8010 209

8010 202 Nord

8010 205 Ost

8010 205 West

8010 209 Ost

8010 209 West

8010 213 Ost

8010 214 Nord

8010 214 Süd

8020 102 Süd

8020 103 Nord

8020 103 Süd

8020 107 Süd

8041 218 Nord

8041_218_Süd

8041 221 West

8045_203_Nord

8045 203 Süd

8051_101_Nord

8051 101 Süd

8055_108_Süd

35 8055 108 Nord bis20210121

37 8055 108 Süd bis20210121

8020 107 8020 107 Nord

8041 218

8041 221 8041 221 Ost

8045 203

8045 238

8051 101

8055 108 8055 108 Nord

8020 102

0

1

2

3

5

9

10

11

12 13

14

15

16

17

19

20

21

22

23

24 25

26

27

28

29

30

31

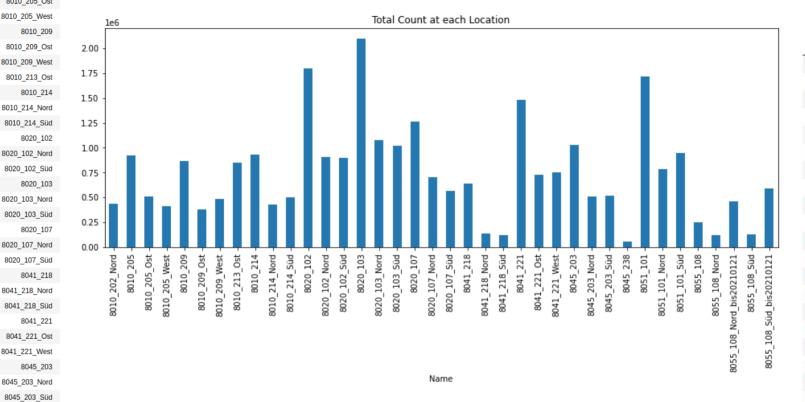
32

33

DZS_div_24h-Zählung-180101_211205.csv

Value Check

Name O@KE7 value count



Negative counts

	Name	QWKFZ	value_count
0	8041_218_Süd	-1	857
1	8041_218_Nord	-1	676
2	8045_203_Süd	-1	259
3	8045_203_Nord	-1	259
4	8045_203	-1	259
5	8041_221	-1	88
6	8041_221_West	-1	87
7	8041_221_Ost	-1	87
8	8010_214_Nord	-1	63
9	8041_218	-1	41
10	8020_107	-1	30
11	8020_107_Nord	-1	30
12	8010_205_Ost	-1	14
13	8010_214	-1	13
14	8010_214_Süd	-1	13
15	8010_202_Nord	-1	9
16	8020_107_Süd	-1	5
17	8051_101_Nord	-1	3
18	8041_218_Nord	-9	1
19	8020_102_Süd	-1	1
20	8020_102_Nord	-1	1
21	8020_102	-1	1
22	8010_213_Ost	-1	1

DZS_div_24h-Zählung-180101_211205.csv

Time Check

Distinct Locations

'8010 202' '8010 205' '8010 209' '8010 213' '8010 214' '8020 102' '8020 103' '8020 107'

'8041 218'

'8041 221' '8045 203' '8045 238'

'8051 101' '8055 108'

8020 102 Süd 2018-01-02 2021-12-06 8020 103 2018-01-02 2021-12-06

8010 202 Nord

2018-01-02 2021-12-06

8010 205 2018-01-02 2021-12-06

8010 209 2018-01-02 2021-12-06

8010 205 Ost 2018-01-02 2021-12-06

8010 205 West 2018-01-02 2021-12-06

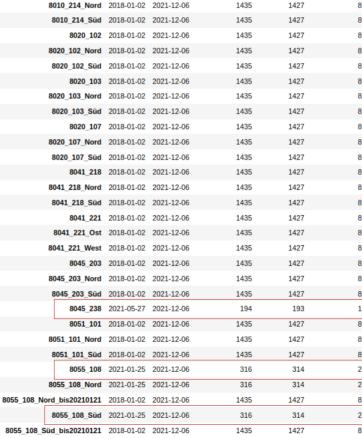
8010 209 Ost 2018-01-02 2021-12-06

8010 213 Ost 2018-01-02 2021-12-06

8010 214 2018-01-02 2021-12-06

8010 209 West 2018-01-02 2021-12-06





end #expected days #actual days missing (days)

1435

1435

1435

1435

1435

1435

1435

1435

1427

1427

1427

1427

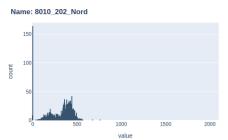
1427

1427

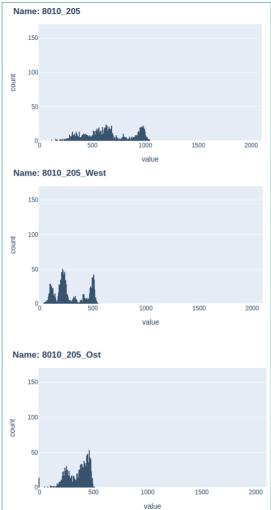
1427

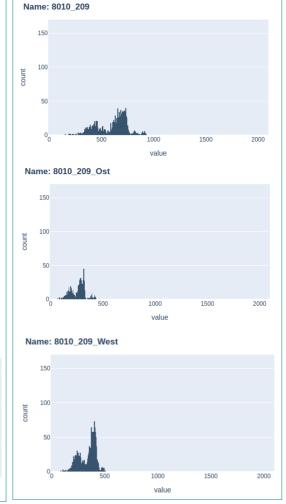
1427

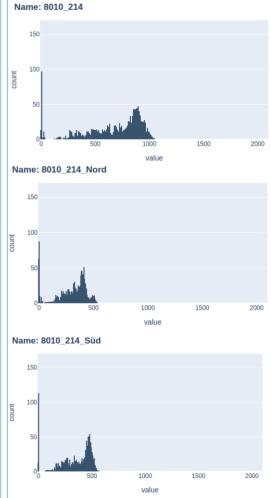
1427

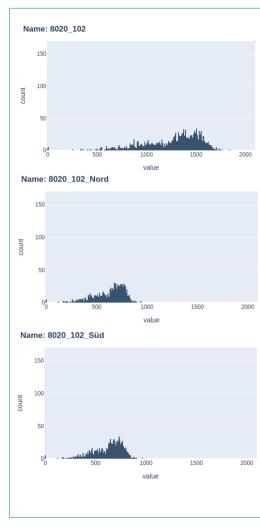


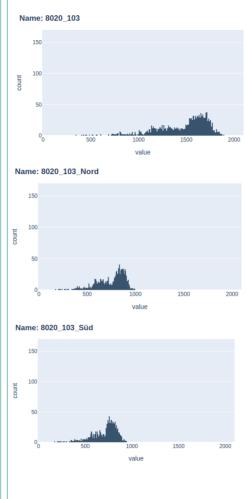


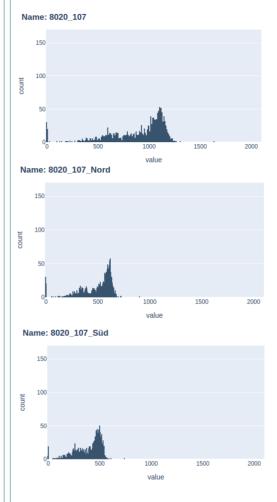


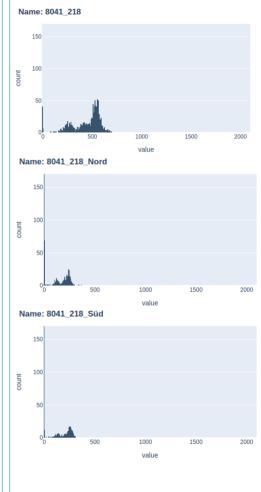


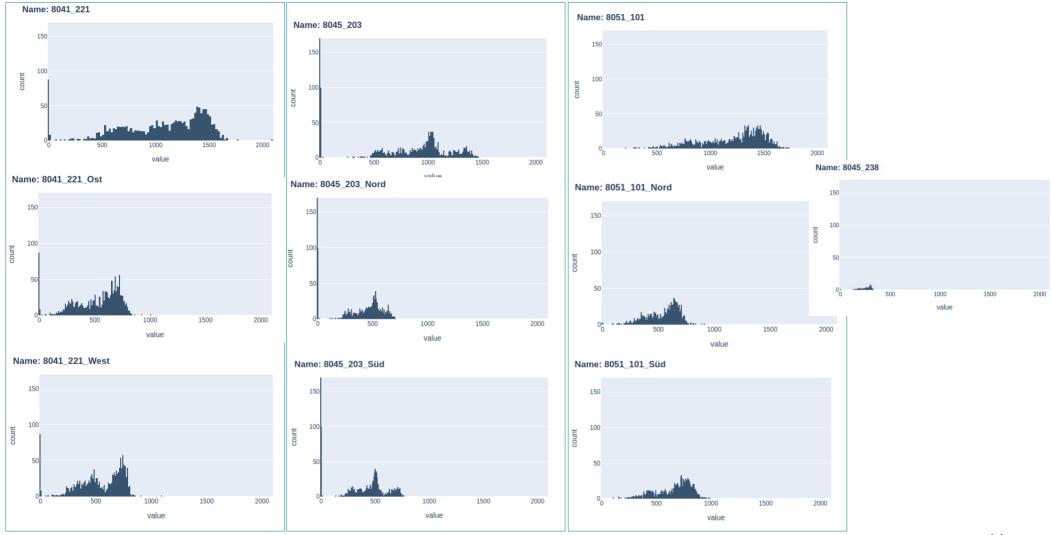


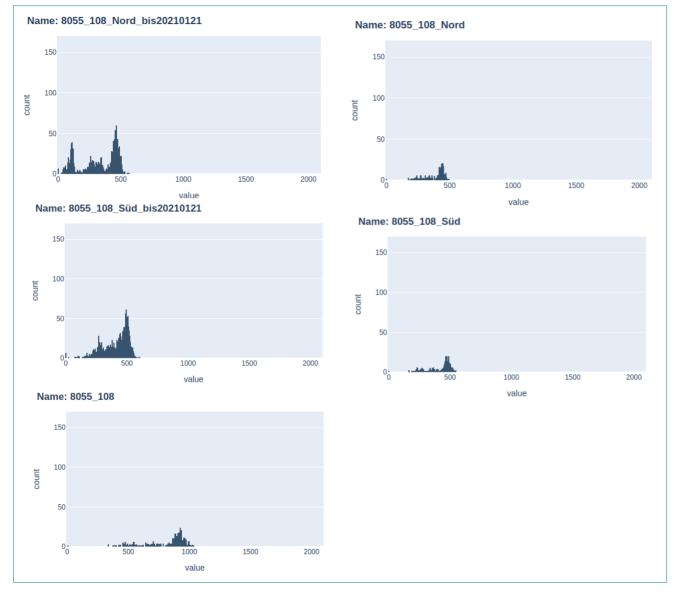












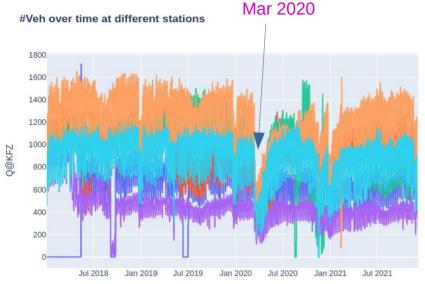
DZS_24h-Zählung-180101_211205.csv

—— 8010 003

8010_208 8020 110

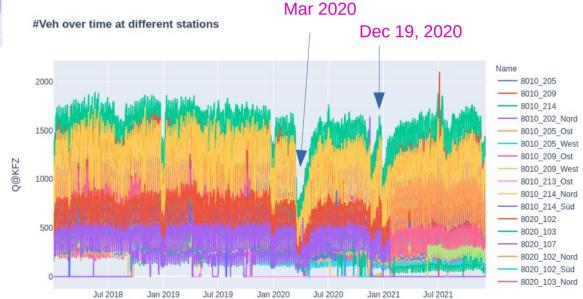
8020_119 8020 122

8053 111



Time-Series

DZS_div_24h-Zählung-180101_211205.csv



Verkehr Graz_Vergleich CoVID19_bis KW45_2021 mit DZS 111

Verkehr Graz_Vergleich CoVID19_bis KW45_2021 mit DZS 111

Time Check

#rows #cols BvSuttner-Brücke 336 10 Keplerbrücke 336 76 Karlauer Gürtel 336 72 Rösselmühlgasse 76 Don Bosco 336 76 Glacis 336 76 Kärntner Straße 63

transformed

	2021	2020	2019	#cols	#rows	
56	NaN	49	7	3	2688	BvSuttner-Brücke
518	318.0	186	14	3	24864	Keplerbrücke
490	318.0	158	14	3	23520	Karlauer Gürtel
518	318.0	186	14	3	24864	Rösselmühlgasse
518	318.0	186	14	3	24864	Don Bosco
518	318.0	186	14	3	24864	Glacis
427	318.0	95	14	3	20496	Kärntner Straße
	318.0	186	14	3	24864	Glacis

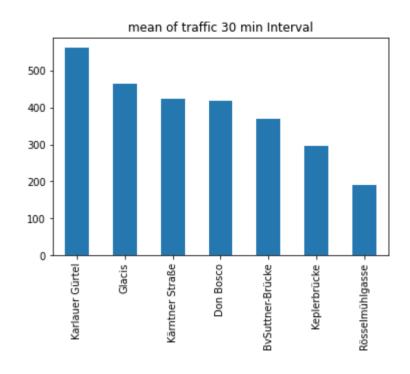
year	2019				2020				2021			
	actual	duration	max	min	actual	duration	max	min	actual	duration	max	min
BvSuttner-Brücke	7	7	2019-04-07	2019-04-01	49	91	2020-04-19	2020-01-20	NaN	NaN	NaT	NaT
Keplerbrücke	14	49	2019-05-19	2019-04-01	186	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01
Karlauer Gürtel	14	49	2019-05-19	2019-04-01	158	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01
Rösselmühlgasse	14	49	2019-05-19	2019-04-01	186	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01
Don Bosco	14	49	2019-05-19	2019-04-01	186	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01
Glacis	14	49	2019-05-19	2019-04-01	186	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01
Kärntner Straße	14	49	2019-05-19	2019-04-01	95	347	2020-12-31	2020-01-20	318	318	2021-11-14	2021-01-01

Verkehr Graz_Vergleich CoVID19_bis KW45_2021 mit DZS 111

Value Check

	count	mean	std	min	25%	50 %	75 %	max
BvSuttner-Brücke	2688	369	352	0.0	63	283	564	1370
Keplerbrücke	24864	296	216	-0.5	75	287	502	923
Karlauer Gürtel	23520	562	381	-0.5	171	580	915	1334
Rösselmühlgasse	24864	189	125	-0.5	67	190	307	776
Don Bosco	24864	419	303	-0.5	117	407	698	1501
Glacis	24864	464	345	-0.5	111	429	794	1232
Kärntner Straße	20496	423	281	-0.5	127	444	697	1006

Negative counts



Remarks

	N ame	Street name	Code	Comment
1	DonBosco	Peter-Rosegger-Straße_KärntnerStraße	8020_110	
2	Nord	Josef-Ornig-Straße	No data	8020_102
3	Ost	Petersgasse	8042_217	
4	Sud	Tiergartenweg_Herrgottwiesgasse	8020_142	
5	West	Gaswerkstraße	8020_121	

Thank you!