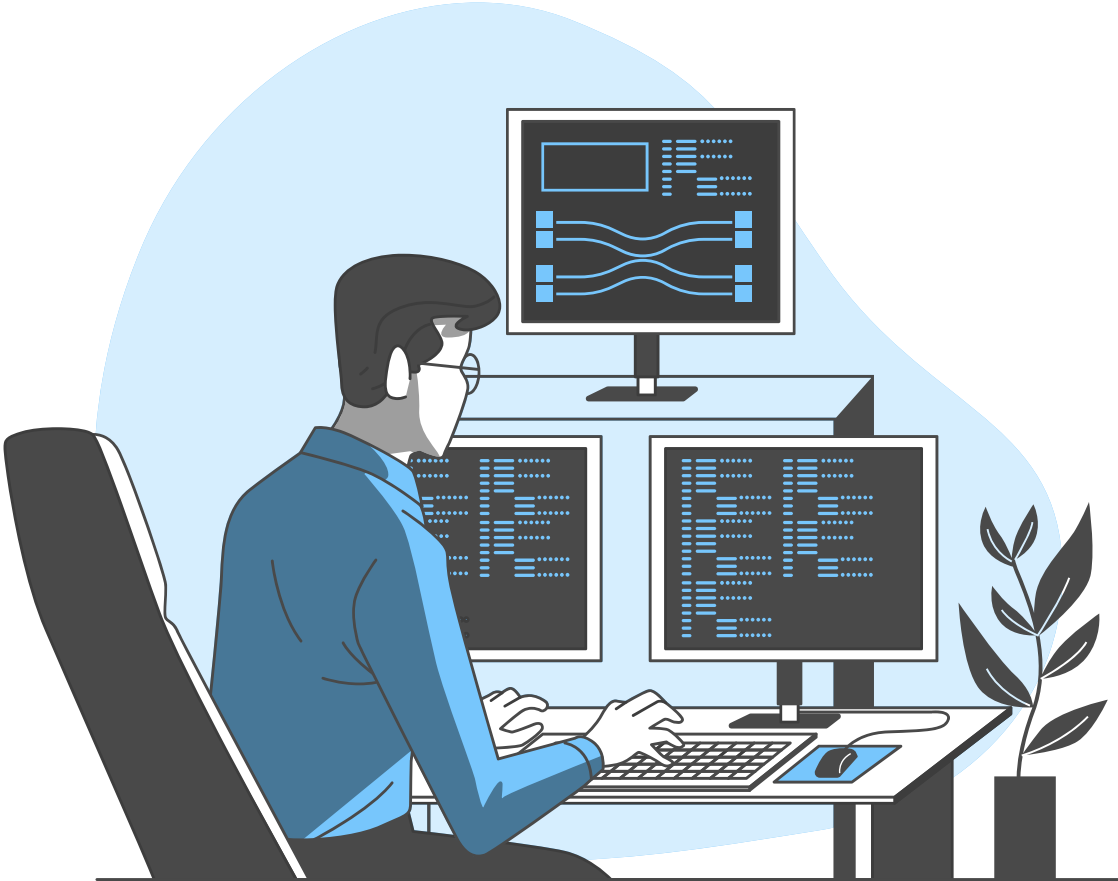


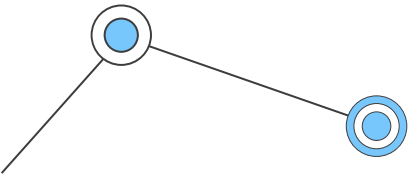
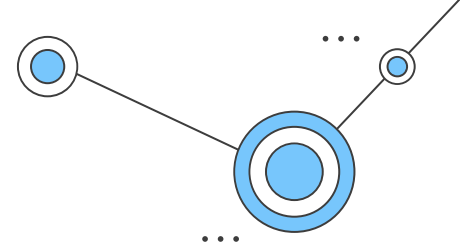
# FINAL PROJECT

TOMMY YULIANTO PUTRA

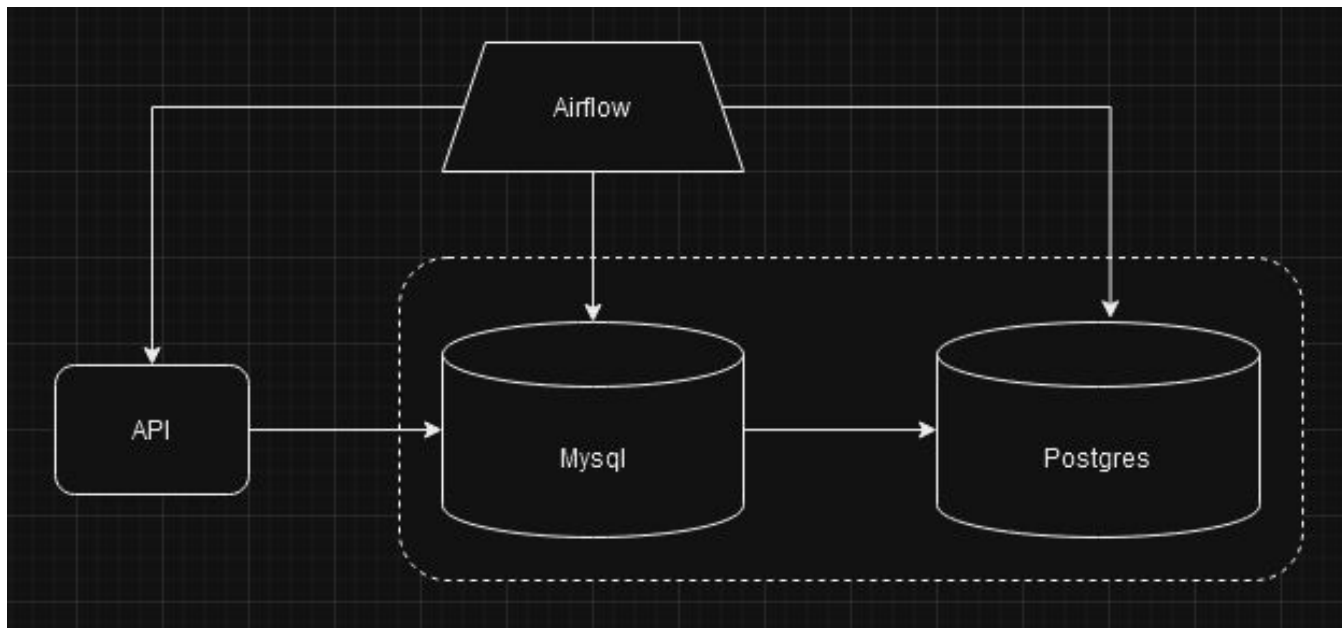


# Outline

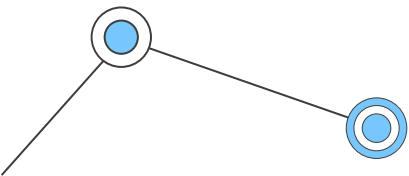
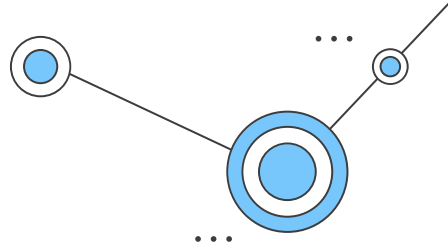
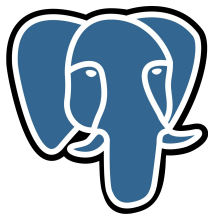
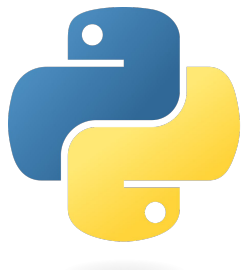
- Project Workflow
- Tools yang digunakan
- Output Project
- Dashboard Report
- List issues



# Project Workflow



# Tools



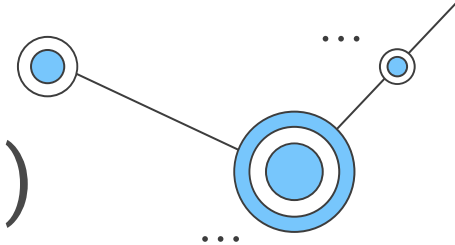
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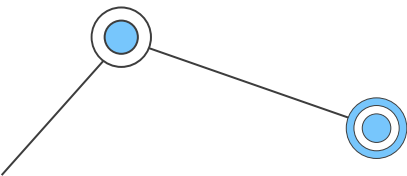
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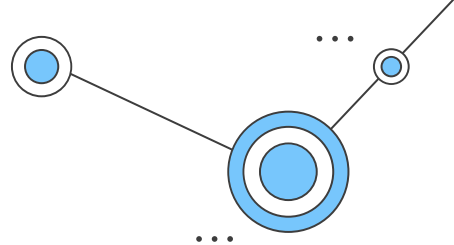


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2	534	0	7	776	72	462	
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4	0	0	163	0	0	0	
5	1,295	0	3	2,075	3	1,292	
6	0	0	0	0	0	0	
7	442	0	1	300	187	255	
8	2,382	0	0	2,888	132	2,250	
9	235	0	73	1,640	35	200	
10	1,437	0	57	6,100	118	1,319	
11	471	0	1	1,990	4	467	
12	420	0	7	671	260	160	
13	537	0	0	573	0	537	
14	532	0	1	691	39	493	
15	455	0	0	5,788	50	405	
16	332	0	25	4,718	0	332	
17	125	0	4	1,043	0	125	
18	0	0	0	0	0	0	
19	3,553	0	0	6,780	16	3,537	
20	187	0	0	586	0	187	

	ABC Field	ABC Type
1	CLOSECONTACT	bigint
2	CONFIRMATION	bigint
3	PROBABLE	bigint
4	SUSPECT	bigint
5	closecontact_dikarantina	bigint
6	closecontact_discarded	bigint
7	closecontact_meninggal	bigint
8	confirmation_meninggal	bigint
9	confirmation_sembuh	bigint
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11	kode_prov	text
12	nama_kab	text
13	nama_prov	text
14	probable_diisolasi	bigint
15	probable_discarded	bigint
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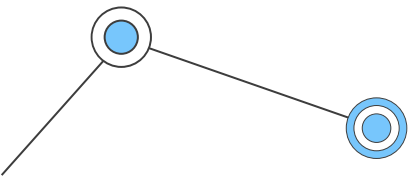
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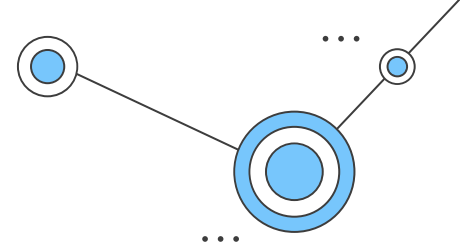
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1	32	Jawa Barat

Dim\_district

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2	3217	32	Kabupaten Bandung Barat
3	3216	32	Kabupaten Bekasi
4	3201	32	Kabupaten Bogor
5	3207	32	Kabupaten Ciamis
6	3203	32	Kabupaten Cianjur
7	3209	32	Kabupaten Cirebon
8	3205	32	Kabupaten Garut
9	3212	32	Kabupaten Indramayu
10	3215	32	Kabupaten Karawang
11	3208	32	Kabupaten Kuningan
12	3210	32	Kabupaten Majalengka
13	3218	32	Kabupaten Pangandaran
14	3214	32	Kabupaten Purwakarta
15	3213	32	Kabupaten Subang
16	3202	32	Kabupaten Sukabumi
17	3211	32	Kabupaten Sumedang
18	3206	32	Kabupaten Tasikmalaya
19	3273	32	Kota Bandung
20	3279	32	Kota Banjar
21	3275	32	Kota Bekasi
22	3271	32	Kota Bogor

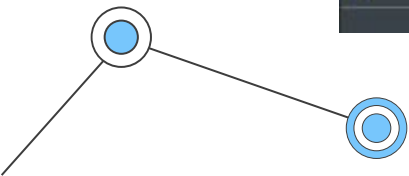




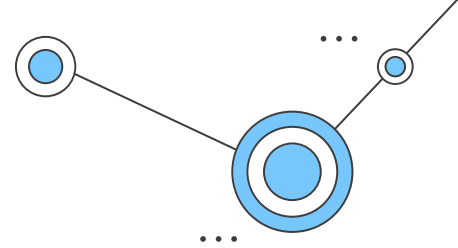
# Postgres (Dim\_Table)

Dim\_case

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2	2	closecontact	discarded	closecontact_discarded
3	3	closecontact	meninggal	closecontact_meninggal
4	4	confirmation	meninggal	confirmation_meninggal
5	5	confirmation	sembuh	confirmation_sembuh
6	6	probable	diisolasi	probable_diisolasi
7	7	probable	discarded	probable_discarded
8	8	probable	meninggal	probable_meninggal
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10	10	suspect	discarded	suspect_discarded
11	11	suspect	meninggal	suspect_meninggal



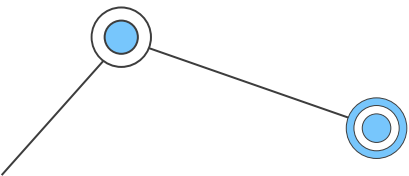


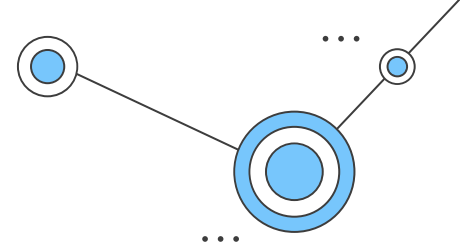


# Postgres (Dim\_Table)

province\_daily

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1	5	32	1	2020-08-05	1,815
2	21	32	1	2020-08-06	197
3	37	32	1	2020-08-07	37
4	53	32	1	2020-08-08	224
5	69	32	1	2020-08-09	120
6	85	32	1	2020-08-10	114
7	6	32	2	2020-08-05	23,782
8	22	32	2	2020-08-06	144
9	38	32	2	2020-08-07	8
10	54	32	2	2020-08-08	83
11	70	32	2	2020-08-09	36
12	86	32	2	2020-08-10	49
13	7	32	3	2020-08-05	0
14	23	32	3	2020-08-06	0
15	39	32	3	2020-08-07	0
16	55	32	3	2020-08-08	0
17	71	32	3	2020-08-09	0
18	87	32	3	2020-08-10	0
19	8	32	4	2020-08-05	0
20	24	32	4	2020-08-06	211
21	40	32	4	2020-08-07	4
22	56	32	4	2020-08-08	3

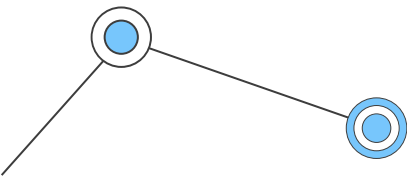




# Postgres (Dim\_Table)

district\_daily

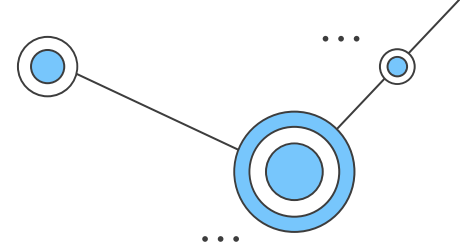
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4	53	3204	1	2020-08-05	0
5	69	3205	1	2020-08-05	132
6	85	3206	1	2020-08-05	0
7	101	3207	1	2020-08-05	3
8	117	3208	1	2020-08-05	4
9	133	3209	1	2020-08-05	187
10	149	3210	1	2020-08-05	260
11	165	3211	1	2020-08-05	0
12	181	3212	1	2020-08-05	35
13	197	3213	1	2020-08-05	50
14	213	3214	1	2020-08-05	39
15	229	3215	1	2020-08-05	118
16	245	3216	1	2020-08-05	135
17	261	3217	1	2020-08-05	72
18	277	3218	1	2020-08-05	0
19	293	3271	1	2020-08-05	68
20	309	3272	1	2020-08-05	0
21	325	3273	1	2020-08-05	16
22	341	3274	1	2020-08-05	10



# Visualization

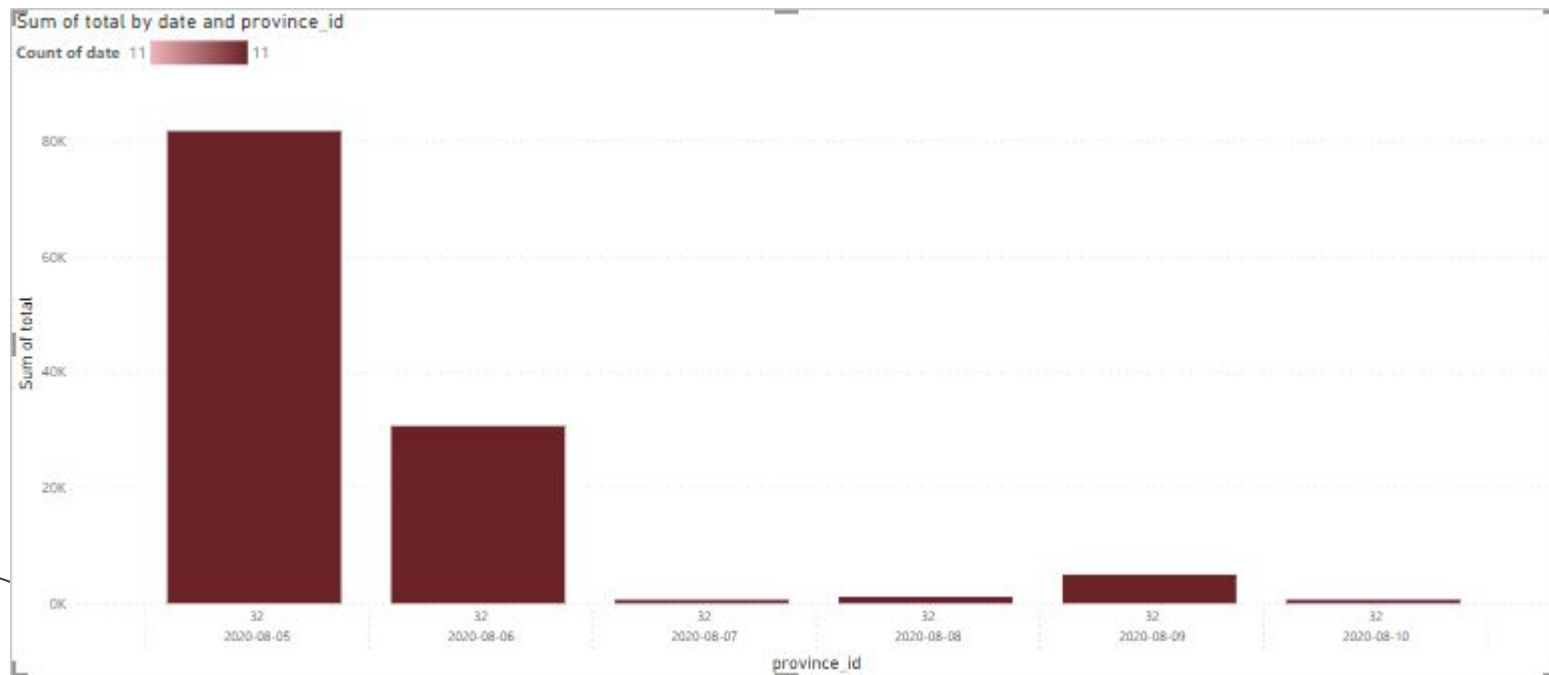
province\_daily

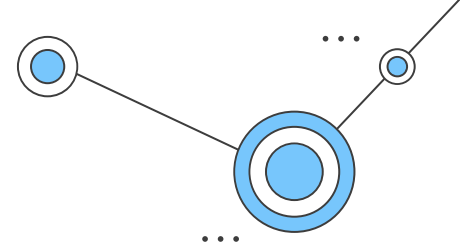
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3	2020-08-05	23,782
4	2020-08-05	0
5	2020-08-05	34,389
6	2020-08-05	0
7	2020-08-05	0
8	2020-08-05	49
9	2020-08-05	1
10	2020-08-05	1,815
11	2020-08-05	0
12	2020-08-06	63
13	2020-08-06	197
14	2020-08-06	211
15	2020-08-06	35
16	2020-08-06	144
17	2020-08-06	218
18	2020-08-06	2,039
19	2020-08-06	24,081
20	2020-08-06	419
21	2020-08-06	0



# Visualization Histogram

province\_daily

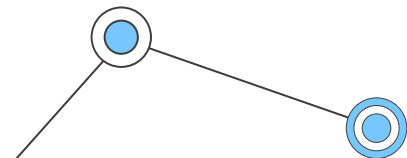


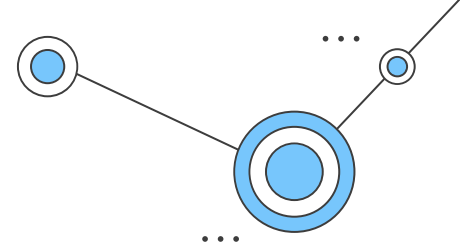


# Visualization

district\_daily

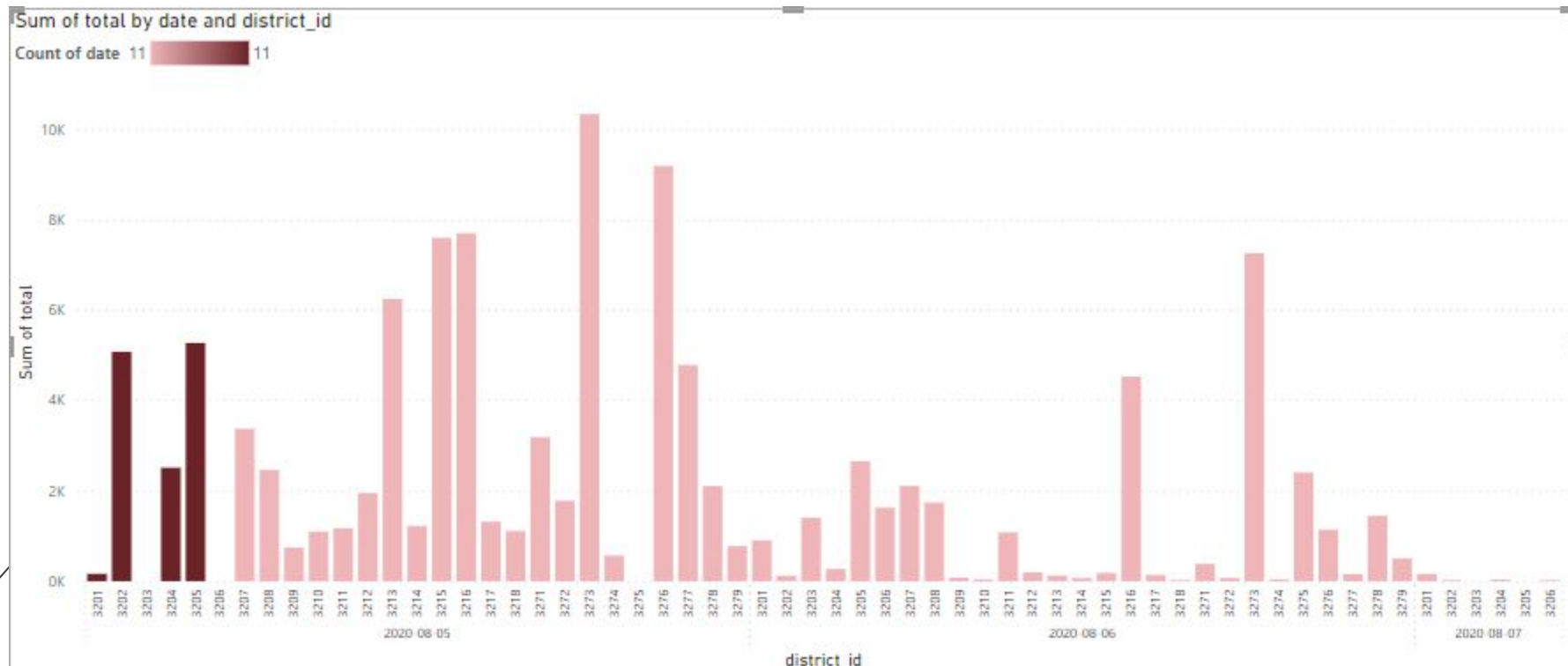
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2	2020-08-05	3202	5,075
3	2020-08-05	3203	0
4	2020-08-05	3204	2,510
5	2020-08-05	3205	5,270
6	2020-08-05	3206	0
7	2020-08-05	3207	3,373
8	2020-08-05	3208	2,462
9	2020-08-05	3209	743
10	2020-08-05	3210	1,098
11	2020-08-05	3211	1,172
12	2020-08-05	3212	1,948
13	2020-08-05	3213	6,243
14	2020-08-05	3214	1,224
15	2020-08-05	3215	7,594
16	2020-08-05	3216	7,696
17	2020-08-05	3217	1,317
18	2020-08-05	3218	1,110
19	2020-08-05	3271	3,185
20	2020-08-05	3272	1,778





# Visualization Histogram

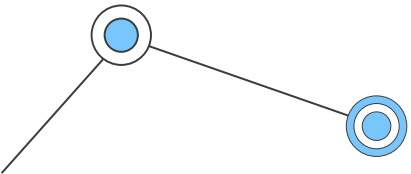
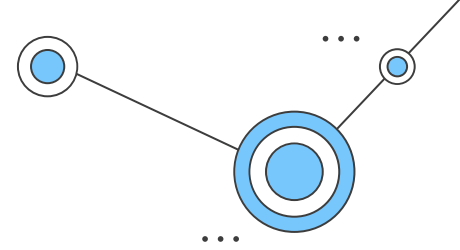
province\_daily

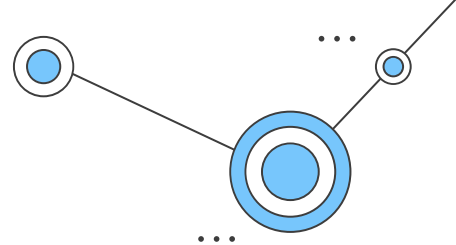




# Kendala

- Koneksi Airflow
- Hardware menyebabkan performance issue





THANK YOU!!

