

per_jenis_pajak

February 1, 2022

```
[22]: import pandas as pd
      from sqlalchemy import create_engine
      import mysql.connector as mysql
```

```
[23]: conn = create_engine("postgresql+pg8000://postgres:sgwi2341@localhost/
      ↳penerimaan")
      db_conn = create_engine("mysql://sugengw07:sgwi2341@localhost/mpninfo")
```

```
[24]: kueri2020 = '''select a.npwp_penyetor ,mp."MAP",sum(a.jml_setor) as setor_2020
      from penerimaan_2020 a
      full join map_polos mp
      on a.kd_map = mp."KD MAP"
      group by(a.npwp_penyetor,a.kd_map,mp."MAP",a.seksi,a.ar)'''
```

```
[25]: data_2020 = pd.read_sql(kueri2020,con=conn)
```

```
[26]: data_2020.head()
```

```
[26]:      npwp_penyetor      MAP      setor_2020
0  020734448407000  PPh 25 Badan  1.093108e+09
1  015532039007008      PPh 23  1.486051e+07
2  822252946004000      PPh Final  6.390000e+06
3  312862253006000  PPh 25 Badan -8.998765e+08
4  817485246009000      PPh 21  4.335426e+07
```

```
[27]: kueri2021 = '''select a.npwp_penyetor ,mp."MAP",sum(a.jml_setor) as setor_2021
      from penerimaan_2021 a
      full join map_polos mp
      on a.kd_map = mp."KD MAP"
      group by(a.npwp_penyetor,a.kd_map,mp."MAP",a.seksi,a.ar)'''
```

```
[28]: data_2021 = pd.read_sql(kueri2021,con=conn)
```

```
[29]: data_2021.head()
```

```
[29]:      npwp_penyetor      MAP      setor_2021
0  020734448407000  PPh 25 Badan  814250086.0
1  015532039007008      PPh 23   16660242.0
```

```

2  822252946004000    PPh Final    4500000.0
3  013121876062000    PPh 21 DTP    19914695.0
4  312862253006000    PPh 25 Badan -464608545.0

```

```
[30]: data = pd.
      ↪merge(data_2021,data_2020,left_on=['npwp_penyetor','MAP'],right_on=['npwp_penyetor','MAP'],
```

```
[31]: data = data.groupby('MAP').sum().reset_index()
```

```
[32]: data.head()
```

```
[32]:
```

	MAP	setor_2021	setor_2020
0	Bea Meterai	9.356000e+08	4.369430e+08
1	Fiskal Luar Negeri	0.000000e+00	0.000000e+00
2	PPN DN	3.566255e+12	3.288214e+12
3	PPN DN DTP	8.615946e+10	1.550873e+11
4	PPN Impor	1.230324e+12	8.473611e+11

```
[33]: nonmadtim_kueri = '''select mp.`MAP`,sum(a.nominal) as Non_Madtim from
      ↪netto2021 a
      join map_polos mp
      on a.`KD MAP` = mp.`KD MAP`
where a.NAMA_AR = 'Non WP Madtim'
group by(a.`KD MAP`)''
```

```
[34]: nonmadtim = pd.read_sql(nonmadtim_kueri,con=db_conn)
```

```
[35]: nonmadtim.head()
```

```
[35]:
```

	MAP	Non_Madtim
0	PPh 21	2.186401e+11
1	PPh 22	1.198595e+10
2	PPh 22 Impor	8.274842e+10
3	PPh 23	1.219241e+11
4	PPh 25 Badan	4.379565e+11

```
[36]: data_akhir = pd.merge(data,nonmadtim,left_on='MAP',right_on='MAP',how='outer')
```

```
[37]: data_akhir.Non_Madtim.fillna(0,inplace=True)
```

```
[39]: data_akhir['cek'] = data_akhir.setor_2020+data_akhir.setor_2021+data_akhir.
      ↪Non_Madtim
```

```
[40]: data_akhir = data_akhir[data_akhir['cek']!=0]
```

```
[41]: data_akhir.drop('cek',inplace=True,axis=1)
```

```
C:\ProgramData\Anaconda3\lib\site-packages\pandas\core\frame.py:4308:  
SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame
```

```
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy  
    return super().drop()
```

```
[43]: data_akhir.to_excel(r'D:\DATA KANTOR\LAPORAN\2021_laporan_pajak_perjenis.  
      ↪xlsx', index=False)
```

```
[ ]:
```