Solucion_Laboratorio03

February 27, 2021

1 Reto 03 - Conexión a PostgreSQL - Exportacion a CSV

```python
[9]: import psycopg2
     import pandas as pd
     import numpy as np
```

1. Codigo de Conexion a PostgreSQL

```python
[2]: miconexion=psycopg2.connect("dbname=alumno user=postgres password=sdc2019PERU
     →host=69.164.192.245")
```

```python
[3]: micursor=miconexion.cursor()
```

```python
[4]: micursor.execute('select * from tabla_senal')
```

```python
[5]: misfilas=micursor.fetchall()
```

```python
[7]: misfilas[0:5]
```

```python
[7]: [('A1', 'A', 1, 0.0, 0, 0.0, '', 0.0),
      ('A2', 'A', 2, 0.0, 0, 0.0, '', 0.0),
      ('A3', 'A', 3, 0.0, 0, 0.0, '', 0.0),
      ('A4', 'A', 4, 0.0, 0, 0.0, '', 0.0),
      ('A5', 'A', 5, 0.0, 0, 0.0, '', 0.0)]
```

```python
[11]: datospostgres=pd.DataFrame(np.array(misfilas),columns=['Description',
      →'Col_name', 'Row_name', 'rsrp', 'incidentes', 'redireccion',
      →'best_server','cqi'])
      datospostgres
```

```
[11]:       Description Col_name Row_name rsrp incidentes redireccion best_server cqi
       →  \
      0            A1        A        1  0.0          0         0.0         0.0
      1            A2        A        2  0.0          0         0.0         0.0
      2            A3        A        3  0.0          0         0.0         0.0
      3            A4        A        4  0.0          0         0.0         0.0
      4            A5        A        5  0.0          0         0.0         0.0
```

```
 ...    ...      ...  ...  ...   ...     ...          ...
197635        MV545       MV    545  0.0      0         0.0          0.0
197636        MV546       MV    546  0.0      0         0.0          0.0
197637        MV547       MV    547  0.0      0         0.0          0.0
197638        MV548       MV    548  0.0      0         0.0          0.0
197639        MV549       MV    549  0.0      0         0.0          0.0

[197640 rows x 8 columns]
```

2. Exportacion de datospostgres a archivo csv

```
[14]: datospostgres.to_csv('D:\Social Data Consulting\Python for Data␣
      ↪Science\Semana2\Reto03\Reto03-ConexionPostgresql.csv',index=False,sep=';')
```