m08_03_SQL_com_Python

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1 Curso de Python do DS ao DEV

Comunidade DS - Meigarom Lopes

2 Modulo 08 - SQL

3 Fazendo consultas SQL no Python

3.1 1.0. Connectores

- São bibliotecas que contem "drivers" de conexão em banco de dados.

3.2 2.0. SQLAlchemy

```python
[7]: import pandas as pd
     import sqlalchemy as sa
```

```python
[24]: db = sa.create_engine( 'sqlite:///db_olist.sqlite', echo=False )

      conn = db.connect()
```

```python
[26]: query = """
          SELECT
              COUNT( customer_unique_id ) as unique_customer,
              customer_state
          FROM customer
          GROUP BY customer_state
          ORDER BY unique_customer DESC
      """

      df = pd.read_sql_query( query, conn )
      df.head()
```

```
[26]:    unique_customer customer_state
     0            41746             SP
     1            12852             RJ
     2            11635             MG
     3             5466             RS
```

```
     4            5045            PR
```

[20]:
```python
conn.close()
```