```
marlos-igoremarlos:-5 pyspark
Python 3.11.4 (main, Jun 9 2023, 07:50:55) [OCC 12.3.0] on linus
Python 3.11.4 (main, Jun 9 2023, 07:50:55) [OCC 12.3.0] on linus
For adjust logging in the luse scatted prevailed by the scatter of the
```

```
df nomes.show(10)
  Frances Bennet|
    Jamie Russell|
      David Gray|
Joy Bennett|
                          Medio
                                        Uruguai|
Venezuela|
                                       Argentina|
Equador|
                                                           1994.0
    Jamie Russell|
Sheila Maurer| Fundamental|
Donald Golightly| Fundamental|
                                                           1972.0
                                        Venezuela|
                                        Uruguai|
Venezuela|
      Joy Bennettl
Berniece Ornellas|
                       Superior|
Superior|
   df_select = df_nomes.filter(df_nomes.AnoNascimento >= 2000
Lois Ly| Medio|
Mary Dillahunt| Fundamental|
                                        Uruguai|
Chile|
                                                         2009.0
Sandra Todd| Fundamental| Peru|
Rosie Lovelady| Medio|Guiana Francesa|
                                                         2008.0
nly showing top 10 rows
```

```
nillennials_count_sql = spark.sql("select count(*) from pessoas
                              when AnoNascimento between 1944 and 1964 then 'Baby Boomers' when AnoNascimento between 1965 and 1979 then 'Geração X' when AnoNascimento between 1980 and 1994 then 'Millennials' when AnoNascimento between 1995 and 2015 then 'Geração Z'
                end as Geracao,
count(*) as Quantidade
from pessoas
               group by Pais, Geracao
order by Pais, Geracao, Quantidade
178090|
184250|
                                                         184250|
177689|
229699|
177015|
182579|
177152|
230025|
177501|
```

177742 | 230262 | 177195 | 183449 |