```python
[1]  import pandas as pd
     import numpy as np
     import matplotlib.pyplot as plt
     import seaborn as sns
```

```python
[41] from google.colab import files
     files.upload()
```

```python
[44] df = pd.read_csv("CountryTable.csv")
     df.head(5)
```

## FILTROS BASICOS PARA VARIABLES CUALITATIVAS

```python
[45] filtro1 = df[df["continent"] == "Asia"]
     filtro1
```

```python
[52] filtro2 = df.iloc[ [17, 43, 75] , :]
     filtro2
```

```python
[55] #filtro3 = df.iloc[ : , 4:7]
     filtro3 = df.iloc[ : , [3,4,8]]
     filtro3
```

```python
df = pd.read_csv("CountryTable.csv", index_col=2)
df
```

```python
[63] filtro4 = df.loc[["Europe","Asia"], ["population"]]
     filtro4
```

```python
[66] filtro5 = df.head(8)
     filtro5
```

## FILTROS BASICOS PARA VARIABLES CUANTITATIVASS

```python
[69] filtro6 = df[df["population"] > 103000]
     filtro6
```

## FILTROS BASICOS DE CONECTORES LOGICOS

```python
[79] #Filtro Y
     filtro7 = df[(df["region"] == "Caribbean") & (df["population"] > 103000)]
     filtro7
```

```python
[82] #Filtro O
     filtro8 =df[(df["region"] == "Caribbean") | (df["population"] > 103000)]
     filtro8
```

```python
[87]  #Filtro not
      filtro9 = df[~(df["region"] == "Caribbean") & ~(df["population"] > 103000)]
      filtro9
```

```python
[88]  filtro9.to_csv("NovenoFiltro.csv")
```

```python
[89]  from google.colab import files

      files.download("NovenoFiltro.csv")
```