

## ✓ Cargar dataset y describir sus datos:

```
from google.colab import files
uploaded = files.upload()
```

Elegir archivos Ningún archivo seleccionado Upload widget is only available when the cell has been executed in the current browser session. Please rerun this cell to enable.  
Saving df\_anscombe.csv to df\_anscombe.csv

```
import pandas as pd

df = pd.read_csv('df_anscombe.csv')
df.head()
df.groupby('group').describe()
```

	x					y						
	count	mean	std	min	25%	50%	75%	max	count	mean	std	
group												
1	11.0	9.0	3.316625	4.0	6.5	9.0	11.5	14.0	11.0	7.500909	2.0315	
2	11.0	9.0	3.316625	4.0	6.5	9.0	11.5	14.0	11.0	7.500909	2.0316	
3	11.0	9.0	3.316625	4.0	6.5	9.0	11.5	14.0	11.0	7.500000	2.0304	
4	11.0	9.0	3.316625	8.0	8.0	8.0	8.0	19.0	11.0	7.500909	2.0305	

```
import seaborn as sns
import pandas as pd

# Cargar el dataset de Anscombe desde seaborn
df = sns.load_dataset("anscombe")
df.head()
```

	dataset	x	y
0	I	10.0	8.04
1	I	8.0	6.95
2	I	13.0	7.58
3	I	9.0	8.81
4	I	11.0	8.33

```
import matplotlib.pyplot as plt
```

```
# Estilo de gráfico
sns.set(style="whitegrid")

# Crear gráfico con 4 paneles (uno por dataset)
sns.lmplot(
    x="x", y="y", col="dataset", hue="dataset",
    data=df, col_wrap=2, ci=None, palette="muted",
    height=4, scatter_kws={"s": 50, "alpha": 1}
)

plt.suptitle("Anscombe's Quartet", fontsize=16, y=1.05)
plt.show()
```

