In [1]:
```
import pandas as pd
```

In [2]:
```
#heading country year sales profit
```

In [3]:
```
import numpy as np
```

In [15]:
```
data={"Region":["Asia","Asia","Europe","Europe","America","America"],"Country":["China","India","France","Germany",
```

In [16]:
```
df=pd.DataFrame(data)
```

In [17]:
```
df
```

Out[17]:

| | Region | Country | Year | Sales | Profit |
|---|---|---|---|---|---|
| **0** | Asia | China | 2025 | 2000 | 300 |
| **1** | Asia | India | 2023 | 30000 | 400 |
| **2** | Europe | France | 2024 | 40000 | 500 |
| **3** | Europe | Germany | 2022 | 50000 | 600 |
| **4** | America | America | 2021 | 60000 | 700 |
| **5** | America | Canada | 2025 | 70000 | 600 |

In [20]:
```
#dataframa is a 2d data (rows,columns). It is used for queries in sql. it creates the table manually
```

In [27]:
```
df.groupby("Region")["Sales"].mean()
```

Out[27]:
```
Region
America    65000.0
Asia       16000.0
Europe     45000.0
Name: Sales, dtype: float64
```

In [ ]:
```

```