


## ✓ Análise de vendas de um supermercado

O dataset utilizado foi obtido do site Kaggle. O dataset foi criado por Mohamed Harris.

```
#carregando o dataset pelo google drive
```

```
from google.colab import drive
drive.mount('/content/drive')
```

 Mounted at /content/drive

```
#Importando a biblioteca pandas
import pandas as pd
```

```
#carregando o dataset
df = pd.read_csv('/content/drive/MyDrive/projeto 1/Supermart Grocery Sales - Retail Analytics Dataset.csv')
```

```
# lendo dataframe
df.head()
```



	Order ID	Customer Name	Category	Sub Category	City	Order Date	Region	Sales	Discount	Profit	State
0	OD1	Harish	Oil & Masala	Masalas	Vellore	11-08-2017	North	1254	0.12	401.28	Tamil Nadu
1	OD2	Sudha	Beverages	Health Drinks	Krishnagiri	11-08-2017	South	749	0.18	149.80	Tamil Nadu
2	OD3	Hussain	Food Grains	Atta & Flour	Perambalur	06-12-2017	West	2360	0.21	165.20	Tamil Nadu
3	OD4	Jackson	Fruits & Veggies	Fresh Vegetables	Dharmapuri	10-11-2016	South	896	0.25	89.60	Tamil Nadu
4	OD5	Ridhesh	Food Grains	Organic Staples	Ooty	10-11-2016	South	2355	0.26	918.45	Tamil Nadu

## ✓ Limpando dados

```
df = df.drop(columns=['Order ID', 'Customer Name'])
```

```
df.head()
```



	Category	Sub Category	City	Order Date	Region	Sales	Discount	Profit	State
0	Oil & Masala	Masalas	Vellore	11-08-2017	North	1254	0.12	401.28	Tamil Nadu
1	Beverages	Health Drinks	Krishnagiri	11-08-2017	South	749	0.18	149.80	Tamil Nadu
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3	Fruits & Veggies	Fresh Vegetables	Dharmapuri	10-11-2016	South	896	0.25	89.60	Tamil Nadu
4	Food Grains	Organic Staples	Ooty	10-11-2016	South	2355	0.26	918.45	Tamil Nadu

## ✓ Salvando dataframe com as modificações realizadas

```
file_path = '/content/drive/MyDrive/projeto 1/Supermart Grocery Sales v2.csv'  
df.to_csv(file_path)
```

