▾ First kaggle package

```
!pip install kaggle
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satisfied: kaggle in /usr/local/lib/python3.10/dist-packages (1.5.13)
Requirement already satisfied: six>=1.10 in /usr/local/lib/python3.10/dist-packages (from kaggle) (1.16.0)
Requirement already satisfied: certifi in /usr/local/lib/python3.10/dist-packages (from kaggle) (2022.12.7)
Requirement already satisfied: python-dateutil in /usr/local/lib/python3.10/dist-packages (from kaggle) (2.8.2)
Requirement already satisfied: requests in /usr/local/lib/python3.10/dist-packages (from kaggle) (2.27.1)
Requirement already satisfied: tqdm in /usr/local/lib/python3.10/dist-packages (from kaggle) (4.65.0)
Requirement already satisfied: python-slugify in /usr/local/lib/python3.10/dist-packages (from kaggle) (8.0.1)
Requirement already satisfied: urllib3 in /usr/local/lib/python3.10/dist-packages (from kaggle) (1.26.15)
Requirement already satisfied: text-unidecode>=1.3 in /usr/local/lib/python3.10/dist-packages (from python-slugify
Requirement already satisfied: charset-normalizer~=2.0.0 in /usr/local/lib/python3.10/dist-packages (from requests
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests->kaggle) (3.‹
```

the necessary directory structure and copies the Kaggle API credentials file to the appropriate location with the correct permissions, allowing the user to access the Kaggle API from their Google Colab environment.

```
!mkdir -p ~/.kaggle
!cp kaggle.json ~/.kaggle
!chmod 600 ~/.kaggle.json
```

```
chmod: cannot access '/root/.kaggle.json': No such file or directory
```

Call Dataset from API from kaggle

```
!kaggle datasets download -d surajjha101/stores-area-and-sales-data
```

```
Warning: Your Kaggle API key is readable by other users on this system! To fix this, you can run 'chmod 600 /root/
Downloading stores-area-and-sales-data.zip to /content
  0% 0.00/9.60k [00:00<?, ?B/s]
100% 9.60k/9.60k [00:00<00:00, 18.8MB/s]
```

Now unzipp the downloaded file

```python
from zipfile import ZipFile

dataset = '/content/stores-area-and-sales-data.zip'

with ZipFile(dataset, 'r') as zip:
  zip.extractall()
  print("Data is unzipped.")
```

```
Data is unzipped.
```

```python
import pandas as pd
```

Now read csv file

```python
data = pd.read_csv('Stores.csv')
```

```
Data_list=pd.DataFrame(data)
Data_list
```

	Store ID	Store_Area	Items_Available	Daily_Customer_Count	Store_Sales
0	1	1659	1961	530	66490
1	2	1461	1752	210	39820
2	3	1340	1609	720	54010
3	4	1451	1748	620	53730
4	5	1770	2111	450	46620
...	...	...	...	...	...
891	892	1582	1910	1080	66390
892	893	1387	1663	850	82080
893	894	1200	1436	1060	76440
894	895	1299	1560	770	96610
895	896	1174	1429	1110	54340

896 rows × 5 columns

```
Data_list.head()
```

	Store ID	Store_Area	Items_Available	Daily_Customer_Count	Store_Sales
0	1	1659	1961	530	66490
1	2	1461	1752	210	39820
2	3	1340	1609	720	54010
3	4	1451	1748	620	53730
4	5	1770	2111	450	46620