

```
pip install kaggle
```

```
Requirement already satisfied: kaggle in c:\users\jayaraman\anaconda3\lib\site-packages (1.6.14)
```

```
Requirement already satisfied: six>=1.10 in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (1.16.0)
```

```
Requirement already satisfied: certifi>=2023.7.22 in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (2024.6.2)
```

```
Requirement already satisfied: python-dateutil in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (2.8.2)
```

```
Requirement already satisfied: requests in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (2.31.0)
```

```
Requirement already satisfied: tqdm in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (4.65.0)
```

```
Requirement already satisfied: python-slugify in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (5.0.2)
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```
Requirement already satisfied: urllib3 in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (2.0.7)
```

```
Requirement already satisfied: bleach in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle) (4.1.0)
```

```
Requirement already satisfied: packaging in c:\users\jayaraman\anaconda3\lib\site-packages (from bleach->kaggle) (23.1)
```

```
Requirement already satisfied: webencodings in c:\users\jayaraman\anaconda3\lib\site-packages (from bleach->kaggle) (0.5.1)
```

```
Requirement already satisfied: text-unidecode>=1.3 in c:\users\jayaraman\anaconda3\lib\site-packages (from python-slugify->kaggle) (1.3)
```

```
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\jayaraman\anaconda3\lib\site-packages (from requests->kaggle) (2.0.4)
```

```
Requirement already satisfied: idna<4,>=2.5 in c:\users\jayaraman\anaconda3\lib\site-packages (from requests->kaggle) (3.4)
```

```
Requirement already satisfied: colorama in c:\users\jayaraman\anaconda3\lib\site-packages (from tqdm->kaggle) (0.4.6)
```

```
Note: you may need to restart the kernel to use updated packages.
```

```
!pip install opendatasets
```

```
Collecting opendatasets
```

```
  Downloading opendatasets-0.1.22-py3-none-any.whl.metadata (9.2 kB)
```

```
Requirement already satisfied: tqdm in c:\users\jayaraman\anaconda3\lib\site-packages (from opendatasets) (4.65.0)
```

```
Requirement already satisfied: kaggle in c:\users\jayaraman\anaconda3\lib\site-packages (from opendatasets) (1.6.14)
```

```
Requirement already satisfied: click in c:\users\jayaraman\anaconda3\lib\site-packages (from opendatasets) (8.1.7)
```

```
Requirement already satisfied: colorama in c:\users\jayaraman\anaconda3\lib\site-packages (from click->opendatasets) (0.4.6)
```

```
Requirement already satisfied: six>=1.10 in c:\users\jayaraman\anaconda3\lib\site-packages (from kaggle->opendatasets) (1.16.0)
```

```
Requirement already satisfied: certifi>=2023.7.22 in c:\users\
```

```
jayaraman\anaconda3\lib\site-packages (from kaggle->opendatasets)
(2024.6.2)
Requirement already satisfied: python-dateutil in c:\users\jayaraman\
anaconda3\lib\site-packages (from kaggle->opendatasets) (2.8.2)
Requirement already satisfied: requests in c:\users\jayaraman\
anaconda3\lib\site-packages (from kaggle->opendatasets) (2.31.0)
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lib\site-packages (from kaggle->opendatasets) (4.1.0)
Requirement already satisfied: packaging in c:\users\jayaraman\
anaconda3\lib\site-packages (from bleach->kaggle->opendatasets) (23.1)
Requirement already satisfied: webencodings in c:\users\jayaraman\
anaconda3\lib\site-packages (from bleach->kaggle->opendatasets)
(0.5.1)
Requirement already satisfied: text-unidecode>=1.3 in c:\users\
jayaraman\anaconda3\lib\site-packages (from python-slugify->kaggle-
>opendatasets) (1.3)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\
jayaraman\anaconda3\lib\site-packages (from requests->kaggle-
>opendatasets) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\jayaraman\
anaconda3\lib\site-packages (from requests->kaggle->opendatasets)
(3.4)
Downloading opendatasets-0.1.22-py3-none-any.whl (15 kB)
Installing collected packages: opendatasets
Successfully installed opendatasets-0.1.22
```

```
import opendatasets as od
import pandas
```

```
od.download(
    "https://www.kaggle.com/sobhanmoosavi/us-accidents")
```

Please provide your Kaggle credentials to download this dataset. Learn more: <http://bit.ly/kaggle-creds>
Your Kaggle username:

djrock777

Your Kaggle Key:

.....

Dataset URL: <https://www.kaggle.com/datasets/sobhanmoosavi/us-accidents>
Downloading us-accidents.zip to .\us-accidents

100%|

| 653M/653M [00:52<00:00, 13.0MB/s]

```
import numpy as np
import pandas as pd

import os
for dirname, _, filenames in os.walk('/kaggle/input'):
    for filename in filenames:
        print(os.path.join(dirname, filename))

import matplotlib.pyplot as plt
import seaborn as sns
import plotly.graph_objects as go

from matplotlib.ticker import FuncFormatter
import matplotlib.ticker as ticker
import matplotlib.patches as mpatches
import matplotlib.path_effects as PathEffects
%matplotlib inline

import calendar
import plotly as pt
from plotly import graph_objs as go
import plotly.express as px
import plotly.figure_factory as ff
from pylab import *

import plotly.graph_objects as go
from nltk.corpus import stopwords

import warnings
warnings.filterwarnings('ignore')
```