

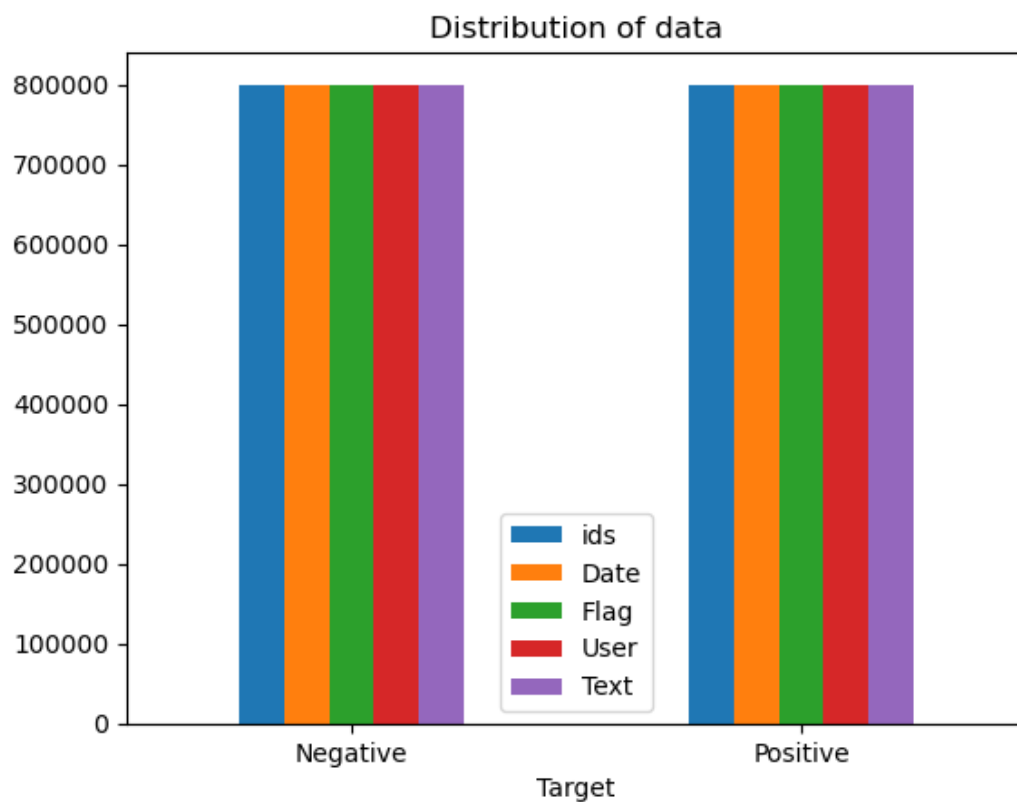
After EDA some Pictorial Representation using Matplotlib and Seaborn

```
[In [15]: # Plotting the distribution for dataset.

#set figure size
fig = plt.figure(figsize = (20, 10))

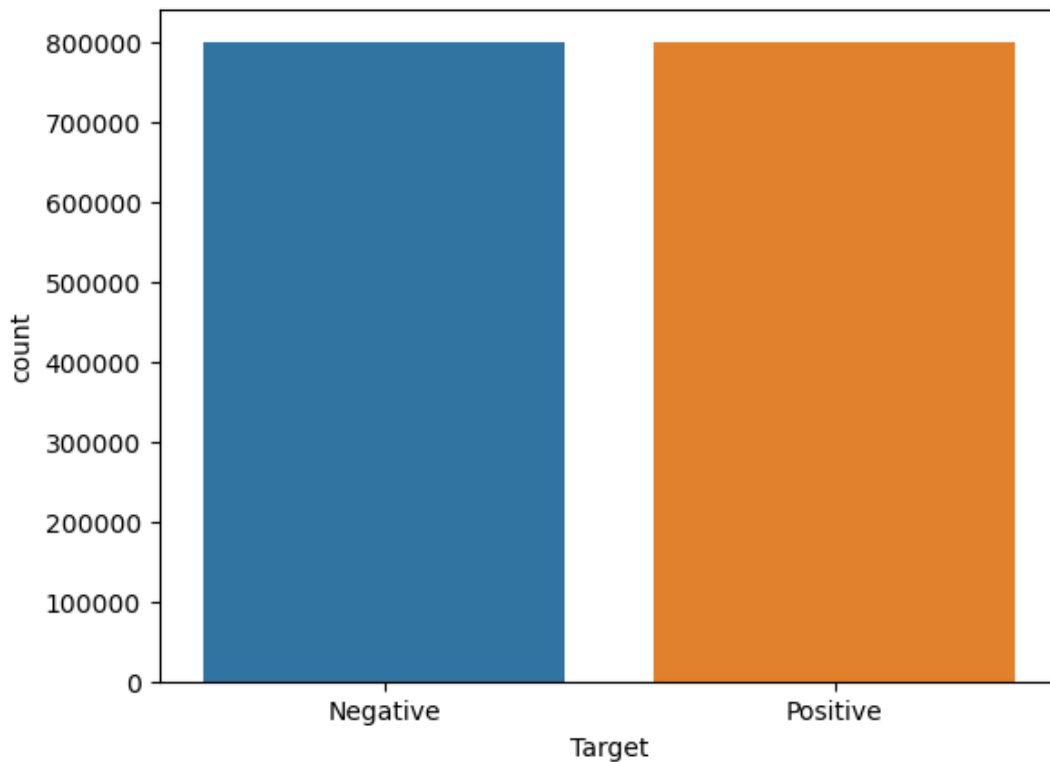
ax = data.groupby("Target").count().plot(kind='bar', title='Distribution of
data',
                                         legend=True)
ax.set_xticklabels(['Negative', 'Positive'], rotation=0)

# Storing data in lists.
text, sentiment = list(data['Text']), list(data["Target"])
```



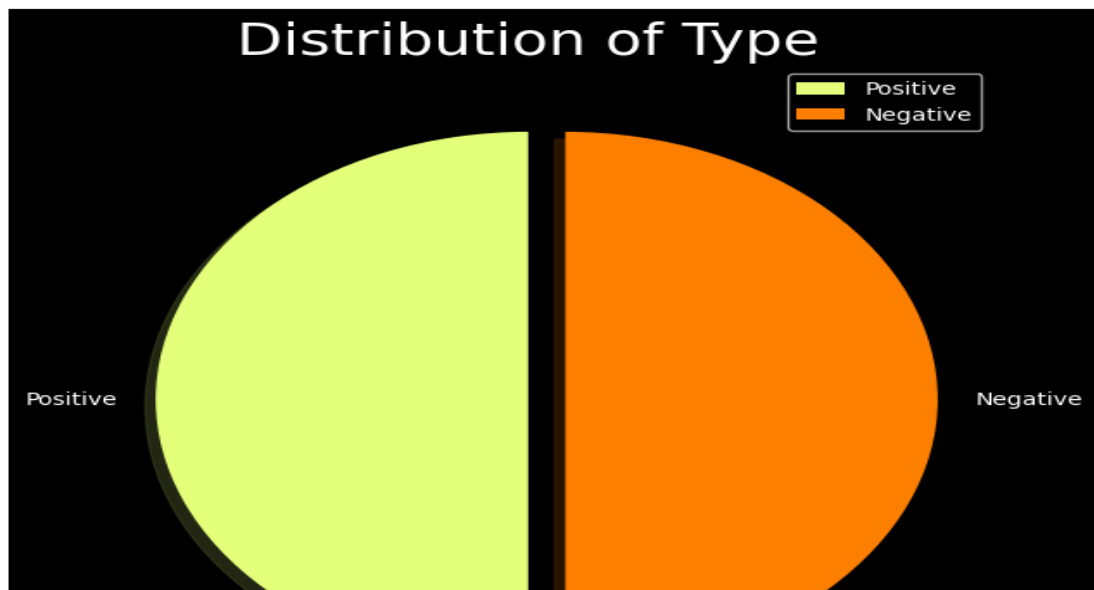
```
In [16]: # count plot for target variable
import seaborn as sns
sns.countplot(x='Target', data=data)
```

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Out[16]: <Axes: xlabel='Target', ylabel='count'>
```

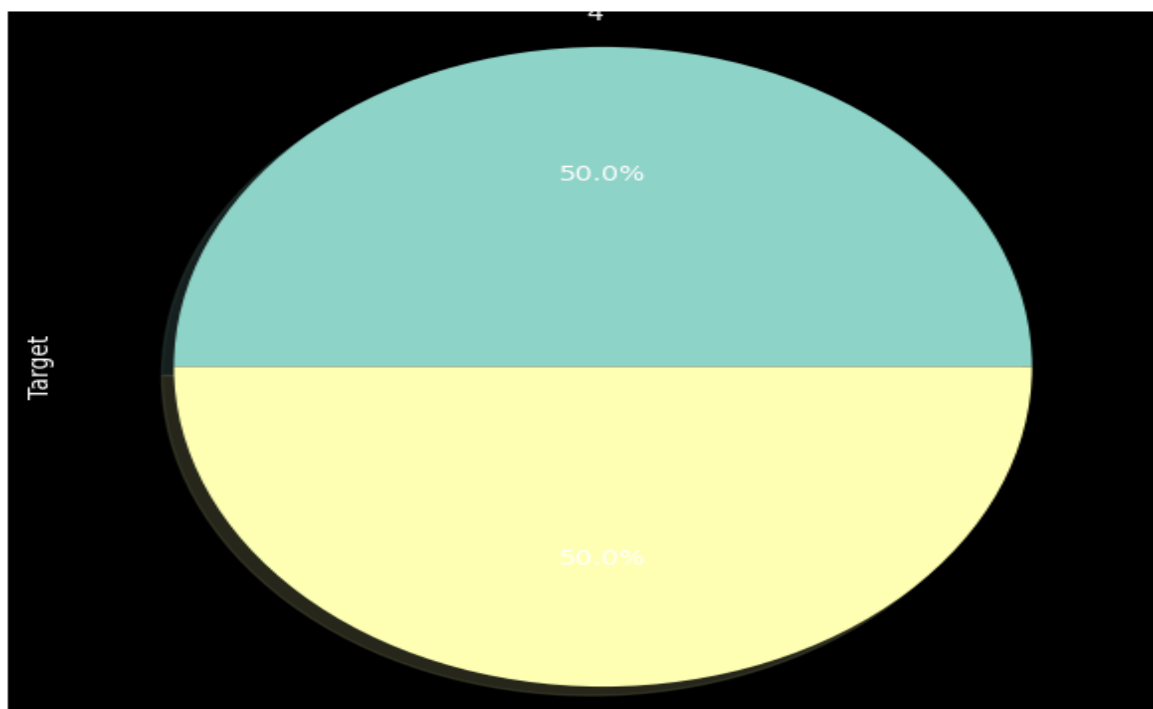


```
In [17]: # plot pie for Distribution of negative and positive Tweets

plt.style.use("dark_background")
labels = ['Positive', 'Negative']
size = data['Target'].value_counts()
colors = plt.cm.Wistia(np.linspace(0, 1, 2))
explode = [0, 0.1]
plt.rcParams['figure.figsize'] = (7, 7)
plt.pie(size, labels=labels, colors = colors, explode = explode,
        shadow = True, startangle = 90)
plt.title('Distribution of Type', fontsize = 25)
plt.legend()
plt.show()
```



```
# plt.style.use("dark_background")  
data['Target'].value_counts().plot.pie(autopct='%1.1f%%', shadow=True, figsize=(7,7))  
plt.show()
```



**Data is equally distributed in positive as well a negative tweets.**