

```
In [29]: 1 #The objective of this project is to see which types of app( )was used mostly to
          2 #comment about the netflix drama Squidgame.
          3 import pandas as pd
          4 import os
          5 print(os.getcwd())
```

C:\Users\spark\Desktop\Data Science Projects\Squid Game Analysis

```
In [30]: 1 os.chdir('C:\\Users\\spark\\Desktop\\Data Science Projects\\Squid Game Analysis')
          2 #This is changing the working directory
          3 squidgame = pd.read_csv('squidgame_1.csv')
```

```
In [31]: 1 import matplotlib.pyplot as plt
          2 import seaborn as sns #Uses matplotlib but works as an upgrade of matplotlib.
          3 %matplotlib inline
```

```
In [32]: 1 squidgame.describe()
          2 #The data source is from Kaggle https://www.kaggle.com/deepcontractor/squid-game-netflix-twitter-data
```

Out[32]:

	source
count	77006
unique	794
top	Twitter for iPhone
freq	27904

In [33]:

```
1 squidgame
```

Out[33]:

	source
0	Twitter for Android
1	Twitter for Android
2	Twitter Web App
3	Twitter Web App
4	Twitter Web App
...	...
77001	SocialRabbit Plugin
77002	Twitter for iPhone
77003	Twitter Web App
77004	Twitter for Android
77005	Twitter for iPhone

77006 rows × 1 columns

In [34]:

```
1 #Notice that therea are'Tiwttter for Android', 'Twitter Web App', 'Twitter for Iphone'  
2 #are the highest to be analyzed
```

In [35]: 1 squidgame

Out[35]:

	source
0	Twitter for Android
1	Twitter for Android
2	Twitter Web App
3	Twitter Web App
4	Twitter Web App
...	...
77001	SocialRabbit Plugin
77002	Twitter for iPhone
77003	Twitter Web App
77004	Twitter for Android
77005	Twitter for iPhone

77006 rows × 1 columns

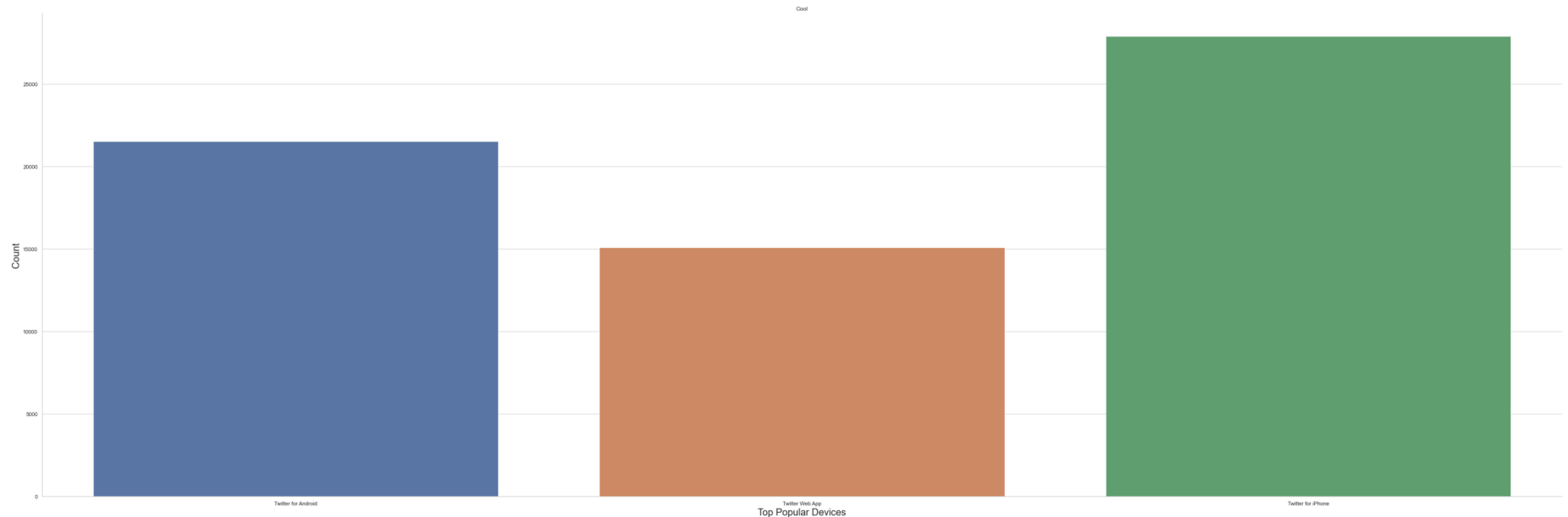
In [36]: 1 rows = ['Twitter for Android', 'Twitter Web App', 'Twitter for iphone']

In [37]: 1 c=squidgame.loc[(squidgame.source == 'Twitter for Android') |
2 (squidgame.source == 'Twitter Web App') |
3 (squidgame.source == 'Twitter for iPhone') ,
4 ['source'],]

```
In [38]: 1 plt.figure(figsize=(2,1))
2 sns.catplot( x='source',
3             kind="count",
4             height=15,
5             aspect=3,
6             data=c)
7
8 plt.xlabel("Top Popular Devices", size=20)
9 plt.ylabel("Count", size=20)
10 plt.title("Cool")
11 plt.tight_layout()
12 plt.savefig("Countplot_or_barplot_with_Seaborn_catplot.png")
13 print(os.getcwd())
14 plt.savefig('test13.png')
```

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In [39]:

```
1 c.describe()
```

Out[39]:

	source
count	64548
unique	3
top	Twitter for iPhone
freq	27904

In [40]:

```
1 #Prints out the total exact number of each counts for different devices
2 c.source.value_counts(ascending=True)
```

Out[40]:

Twitter Web App	15098
Twitter for Android	21546
Twitter for iPhone	27904

Name: source, dtype: int64

In [41]:

```
1 Print = {'Device Types':
2         ['Twitter Web App', 'Twitter for Android', 'Twitter for iPhone'],
3         'Total Count':[15098, 21546, 27904] }
```

In [42]:

```
1 Print = pd.DataFrame(Print)
```

In [43]:

```
1 print(os.getcwd())
```

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In [44]:

```
1 import os
2 os.chdir('C:\\Users\\spark\\Desktop\\Indesign Print') #This is changing the working directory
```

```
In [45]: 1 #Final output
2 import seaborn as sns
3 sns.set_theme(style="whitegrid")
4 ax = sns.barplot(x="Device Types", y="Total Count", data= Print)
5 plt.title("Which Applications/Devices were used most?")
6 plt.savefig('test11.png', dpi= 200)
```

