In [1]:
```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

In [2]:
```
data=pd.read_csv("C:\\Users\\91805\\Downloads\\archive (4).zip",encoding="ISO-8859-1")
```

```
C:\Users\91805\AppData\Local\Temp\ipykernel_14184\374996501.py:1: DtypeWarning: Columns (4,6,31,33,61,62,6
3,76,79,90,92,94,96,114,115,121) have mixed types. Specify dtype option on import or set low_memory=False.
  data=pd.read_csv("C:\\Users\\91805\\Downloads\\archive (4).zip",encoding="ISO-8859-1")
```

In [3]:
```
data.info()
data.head()
data.describe()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 181691 entries, 0 to 181690
Columns: 135 entries, eventid to related
dtypes: float64(55), int64(22), object(58)
memory usage: 187.1+ MB
```

Out[3]:

	eventid	iyear	imonth	iday	extended	country	region	latitude	l
count	1.816910e+05	181691.000000	181691.000000	181691.000000	181691.000000	181691.000000	181691.000000	177135.000000	1.77
mean	2.002705e+11	2002.638997	6.467277	15.505644	0.045346	131.968501	7.160938	23.498343	-4.58
std	1.325957e+09	13.259430	3.388303	8.814045	0.208063	112.414535	2.933408	18.569242	2.04
min	1.970000e+11	1970.000000	0.000000	0.000000	0.000000	4.000000	1.000000	-53.154613	-8.61
25%	1.991021e+11	1991.000000	4.000000	8.000000	0.000000	78.000000	5.000000	11.510046	4.54
50%	2.009022e+11	2009.000000	6.000000	15.000000	0.000000	98.000000	6.000000	31.467463	4.32
75%	2.014081e+11	2014.000000	9.000000	23.000000	0.000000	160.000000	10.000000	34.685087	6.87
max	2.017123e+11	2017.000000	12.000000	31.000000	1.000000	1004.000000	12.000000	74.633553	1.79

8 rows × 77 columns

In [4]:
```
for column in data.columns:
    if data[column].dtype=='object':
        print(data[column].value_counts())
```

```
CBRN Global Chronology                    40
Armenian Website                          40
State Department 1997 Document            28
UMD Assassinations Project                18
UMD Black Widows 2011                      7
Leuprecht Canadian Data                    6
Disorders and Terrorism Chronology         5
Sageman                                    3
Name: count, dtype: int64
related
201612010023, 201612010024, 201612010025, 201612010026, 201612010027, 201612010028, 201612010029, 201612
010030, 201612010031, 201612010032, 201612010033, 201612010034, 201612010035, 201612010036, 20161201003
7, 201612010038, 201612010039, 201612010040, 201612010041, 201612010042, 201612010043, 201612010044, 201
612010045, 201612010046, 201612010047, 201612010048, 201612010049, 201612010050, 201612010051, 201612010
052, 201612010053, 201612010054, 201612010055, 201612010056, 201612010057, 201612010058, 201612010059, 2
01612010060, 201612010061, 201612010062, 201612010063, 201612010064, 201612010065, 201612010066, 2016120
10067, 201612010068, 201612010069, 201612010070, 201612010071, 201612010072, 201612010073, 201612010074,
201612010075, 201612010076, 201612010077, 201612010078, 201612010079, 201612010080, 201612010081, 201612
010082, 201612010083, 201612010084, 201612010085, 201612010086, 201612010087, 201612010088, 20161201008
9, 201612010090, 201612010091, 201612010092, 201612010093, 201612010094, 201612010095, 201612010096, 201
```

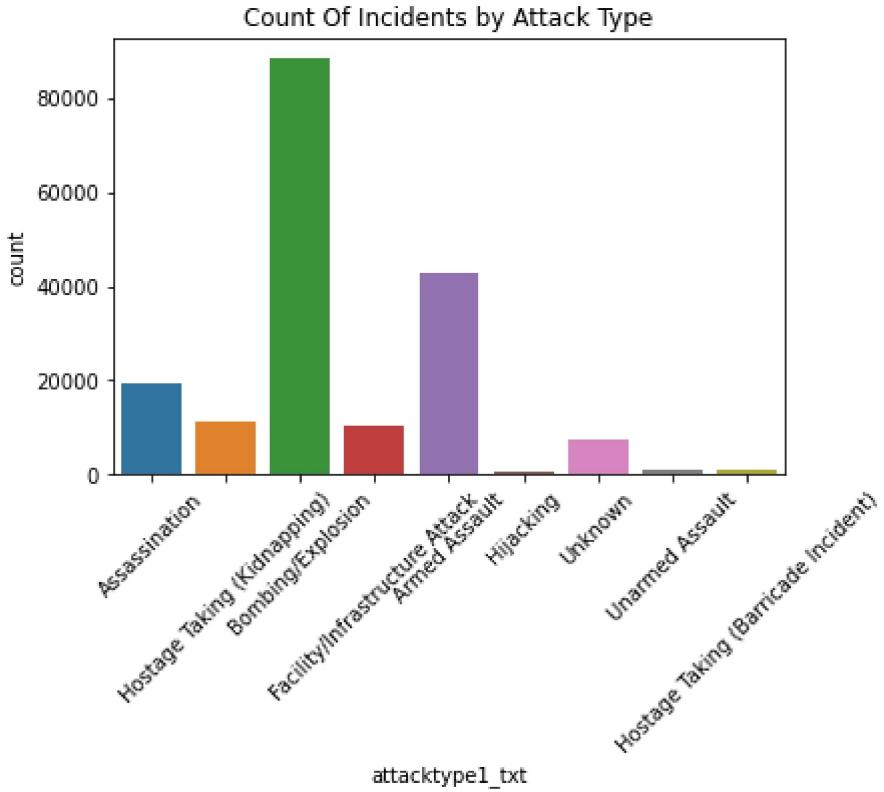
Data Visualization

In [5]:
```
plt.figure(figsize=(10,6))
```

Out[5]:
```
<Figure size 720x432 with 0 Axes>
```

```
<Figure size 720x432 with 0 Axes>
```

In [6]:
```
sns.countplot(x='attacktype1_txt', data=data)
plt.title("Count Of Incidents by Attack Type")
plt.xticks(rotation=45)
plt.show()
```



In [ ]: