In [28]:
```
import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
import plotly.express as px
import matplotlib.cbook as cbook
```

In [11]:
```
df = pd.read_csv('E:\daily_Military equipment_loss_count.csv')
```

In [12]:
```
df
```

Out[12]:

	Unnamed: 0	date	day	aircraft	helicopter	tank	APC	field artillery	MRL	drone	naval ship	anti-aircraft warfare	military auto
0	0	2022-02-25	2	10	7	80	516	49	4	0	2	0	100
1	1	2022-02-26	3	27	26	146	706	49	4	2	2	0	130
2	2	2022-02-27	4	27	26	150	706	50	4	2	2	0	130
3	3	2022-02-28	5	29	29	150	816	74	21	3	2	5	291
4	4	2022-03-01	6	29	29	198	846	77	24	3	2	7	305
...	...	...	...	...	...	...	...	...	...	...	...	...	...
222	222	2022-10-05	224	266	232	2435	5038	1414	341	1032	15	177	3841
223	223	2022-10-06	225	266	232	2449	5064	1424	344	1047	15	177	3854
224	224	2022-10-07	226	266	233	2466	5093	1455	344	1067	15	177	3862
225	225	2022-10-08	227	266	234	2472	5111	1459	345	1079	15	180	3875
226	226	2022-10-09	228	266	235	2486	5133	1477	348	1086	15	180	3890

227 rows × 13 columns

In [13]:
```
df.head()
```

Out[13]:

	Unnamed: 0	date	day	aircraft	helicopter	tank	APC	field artillery	MRL	drone	naval ship	anti-aircraft warfare	military auto
0	0	2022-02-25	2	10	7	80	516	49	4	0	2	0	100
1	1	2022-02-26	3	27	26	146	706	49	4	2	2	0	130
2	2	2022-02-27	4	27	26	150	706	50	4	2	2	0	130
3	3	2022-02-28	5	29	29	150	816	74	21	3	2	5	291
4	4	2022-03-01	6	29	29	198	846	77	24	3	2	7	305

In [14]:
```
df.shape
```

Out[14]:
```
(227, 13)
```

In [15]:
```
df.columns
```

Out[15]:
```
Index(['Unnamed: 0', 'date', 'day', 'aircraft', 'helicopter', 'tank', 'APC',
       'field artillery', 'MRL', 'drone', 'naval ship',
       'anti-aircraft warfare', 'military auto'],
      dtype='object')
```

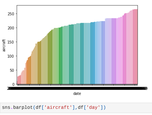
In [20]:
```
df.info()
```

Out[20]:
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 227 entries, 0 to 226
Data columns (total 13 columns):
 #   Column                 Non-Null Count  Dtype
---  ------                 --------------  -----
 0   Unnamed: 0             227 non-null    int64
 1   date                   227 non-null    object
 2   day                    227 non-null    int64
 3   aircraft               227 non-null    int64
 4   helicopter             227 non-null    int64
 5   tank                   227 non-null    int64
 6   APC                    227 non-null    int64
 7   field artillery        227 non-null    int64
 8   MRL                    227 non-null    int64
 9   drone                  227 non-null    int64
 10  naval ship             227 non-null    int64
 11  anti-aircraft warfare  227 non-null    int64
 12  military auto          227 non-null    int64
dtypes: int64(11), object(1)
memory usage: 23.2+ KB
```

In [28]:
```
sns.barplot(df['date'],df['aircraft'])
```

```
E:\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument wi
ll be 'data', and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

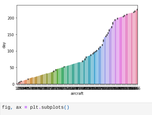
Out[28]:
```
<AxesSubplot:xlabel='date', ylabel='aircraft'>
```



In [30]:
```
sns.barplot(df['aircraft'],df['day'])
```

```
E:\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument wi
ll be 'data', and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

Out[30]:
```
<AxesSubplot:xlabel='aircraft', ylabel='day'>
```


day
250
200
150
100
50
0
10
27
27
29
29
29
30
31
31
31