

In [1]:

```
import seaborn as sns
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import warnings
warnings.filterwarnings('ignore')
```

In [2]:

```
covid_data = pd.read_csv('./Downloads/denmarkCOVID.csv')
covid_data = covid_data[:20]
covid_data.head()
```

Out[2]:

	27/02/2020	DK	Denmark	EURO	5	5.1	0	0.1
0	28/02/2020	DK	Denmark	EURO	1	6	0	0
1	29/02/2020	DK	Denmark	EURO	1	7	0	0
2	01/03/2020	DK	Denmark	EURO	1	8	0	0
3	02/03/2020	DK	Denmark	EURO	1	9	0	0
4	03/03/2020	DK	Denmark	EURO	3	12	0	0

In [3]:

```
covid_data = pd.read_csv('./Downloads/COVIDDATADK.csv')
covid_data = covid_data[:20]
covid_data.head()
```

Out[3]:

	DATE REPORTED	NEW CASES	CUMMULATIVE CASES	NEW DEATHS	CUMMULATIVE DEATHS
0	27/02/2020	5.0	5.0	0.0	0
1	28/02/2020	1.0	6.0	0.0	0
2	29/02/2020	1.0	7.0	0.0	0
3	01/03/2020	1.0	8.0	0.0	0
4	02/03/2020	1.0	9.0	0.0	0

In [5]:

```
covid_data = pd.read_csv('./Downloads/COVIDDATADK.csv')
covid_data = covid_data[:100]
```

In [6]:

```
covid_data = pd.read_csv('./Downloads/COVIDDATADK.csv')
covid_data = covid_data[:20]
covid_data
```

Out[6]:

	DATE REPORTED	NEW CASES	CUMMULATIVE CASES	NEW DEATHS	CUMMULATIVE DEATHS
0	27/02/2020	5.0	5.0	0.0	0
1	28/02/2020	1.0	6.0	0.0	0
2	29/02/2020	1.0	7.0	0.0	0
3	01/03/2020	1.0	8.0	0.0	0
4	02/03/2020	1.0	9.0	0.0	0
5	03/03/2020	3.0	12.0	0.0	0
6	04/03/2020	2.0	14.0	0.0	0
7	05/03/2020	8.0	22.0	0.0	0
8	06/03/2020	5.0	27.0	0.0	0
9	07/03/2020	8.0	35.0	0.0	0
10	08/03/2020	5.0	40.0	0.0	0
11	09/03/2020	54.0	94.0	0.0	0
12	10/03/2020	172.0	266.0	0.0	0
13	11/03/2020	276.0	542.0	0.0	0
14	12/03/2020	136.0	678.0	0.0	0
15	13/03/2020	127.0	805.0	0.0	0
16	14/03/2020	26.0	831.0	0.0	0
17	15/03/2020	37.0	868.0	1.0	1
18	16/03/2020	34.0	902.0	0.0	1
19	17/03/2020	79.0	981.0	3.0	4

In [7]:

```
covid_data = pd.read_csv('./Downloads/COVIDDATADK.csv')  
  
covid_data = covid_data[:100]  
  
covid_data
```

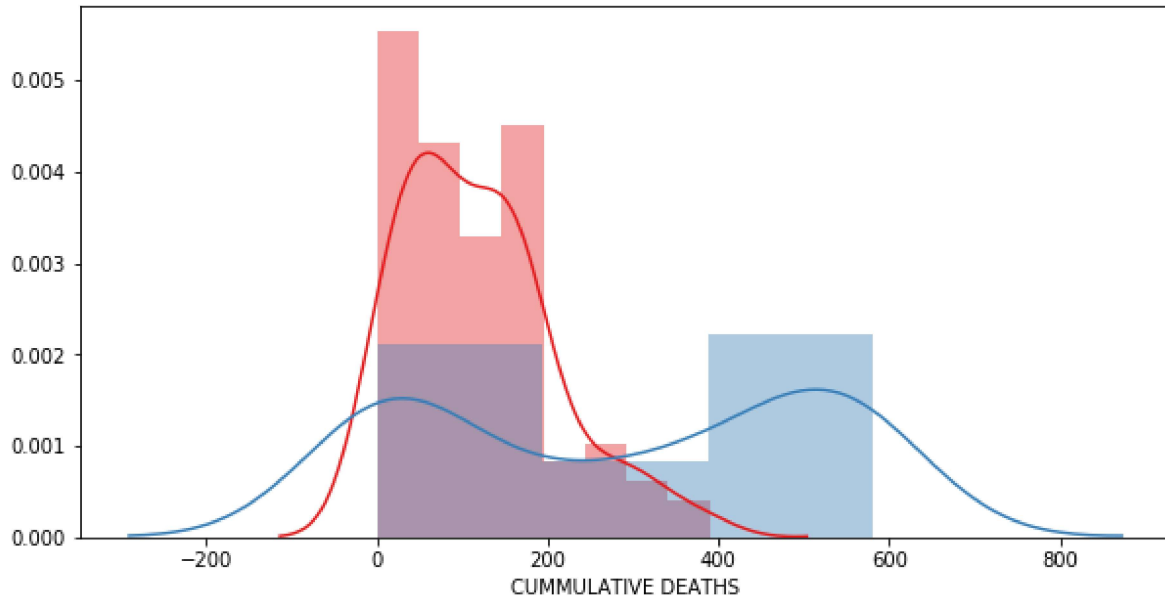
Out[7]:

	DATE REPORTED	NEW CASES	CUMMULATIVE CASES	NEW DEATHS	CUMMULATIVE DEATHS
0	27/02/2020	5.0	5.0	0.0	0
1	28/02/2020	1.0	6.0	0.0	0
2	29/02/2020	1.0	7.0	0.0	0
3	01/03/2020	1.0	8.0	0.0	0
4	02/03/2020	1.0	9.0	0.0	0
...
95	01/06/2020	36.0	11669.0	3.0	574
96	02/06/2020	30.0	11699.0	2.0	576
97	03/06/2020	35.0	11734.0	4.0	580
98	04/06/2020	37.0	11771.0	0.0	580
99	05/06/2020	40.0	11811.0	2.0	582

100 rows × 5 columns

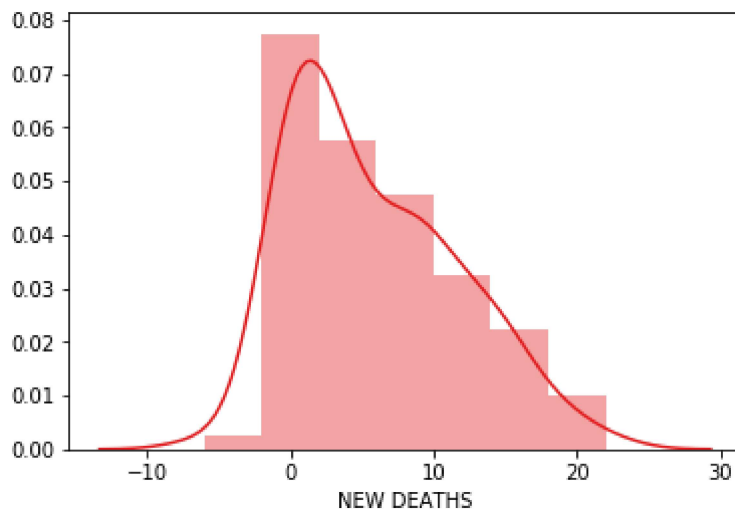
In [8]:

```
sns.set_palette("Set1")  
  
fig, axis = plt.subplots(figsize = (10,5))  
  
sns.distplot(covid_data["NEW CASES"])  
  
sns.distplot(covid_data["CUMMULATIVE DEATHS"])  
  
plt.show()
```



In [9]:

```
sns.distplot(covid_data["NEW DEATHS"])  
plt.show()
```



In [10]:

```
sns.distplot(pollution_data["CUMMULATIVE DEATHS"])
plt.show()
```

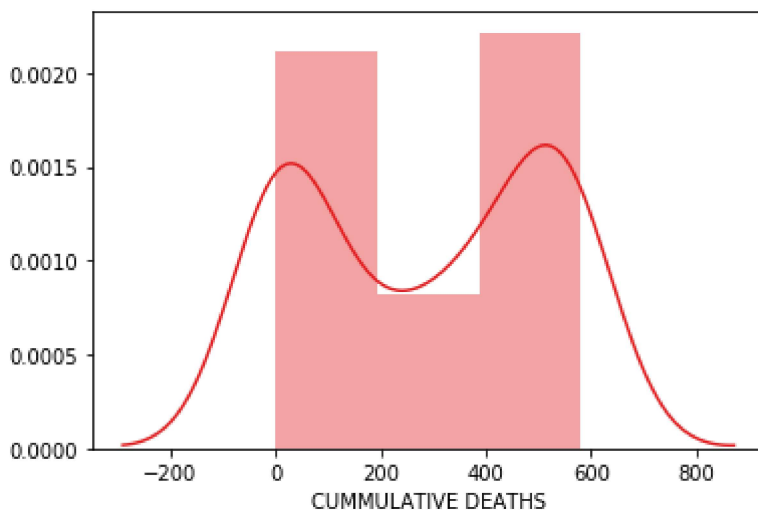
NameError Traceback (most recent call last)

```
<ipython-input-10-4ab61ce869cd> in <module>
----> 1 sns.distplot(pollution_data["CUMMULATIVE DEATHS"])
      2 plt.show()
```

NameError: name 'pollution_data' is not defined

In [11]:

```
sns.distplot(covid_data["CUMMULATIVE DEATHS"])
plt.show()
```



In [1]:

```
with sns.axes_style("ticks"):
    sns.jointplot("CUMMULATIVE DEATHS",
                  "NEW CASES",
                  data = pollution_data,
                  kind = "kde",
                  space = 0,
                  color = "G")

plt.show()
```

NameError Traceback (most recent call last)

```
<ipython-input-1-6c68bf0d426d> in <module>
----> 1 with sns.axes_style("ticks"):
      2     sns.jointplot("CUMMULATIVE DEATHS",
      3                   "NEW CASES",
      4                   data = pollution_data,
      5                   kind = "kde",
```

NameError: name 'sns' is not defined

In [2]:

```
import seaborn as sns
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import warnings
warnings.filterwarnings('ignore')
```

In [5]:

```
covid_data = pd.read_csv('./Downloads/denmarkCOVID.csv')
covid_data = covid_data[:20]
covid_data.head()
```

Out[5]:

	27/02/2020	DK	Denmark	EURO	5	5.1	0	0.1
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1	29/02/2020	DK	Denmark	EURO	1	7	0	0
2	01/03/2020	DK	Denmark	EURO	1	8	0	0
3	02/03/2020	DK	Denmark	EURO	1	9	0	0
4	03/03/2020	DK	Denmark	EURO	3	12	0	0

In [7]:

```
covid_data = pd.read_csv('./Downloads/COVIDDATADK.csv')  
  
covid_data = covid_data[:100]  
  
covid_data
```

Out[7]:

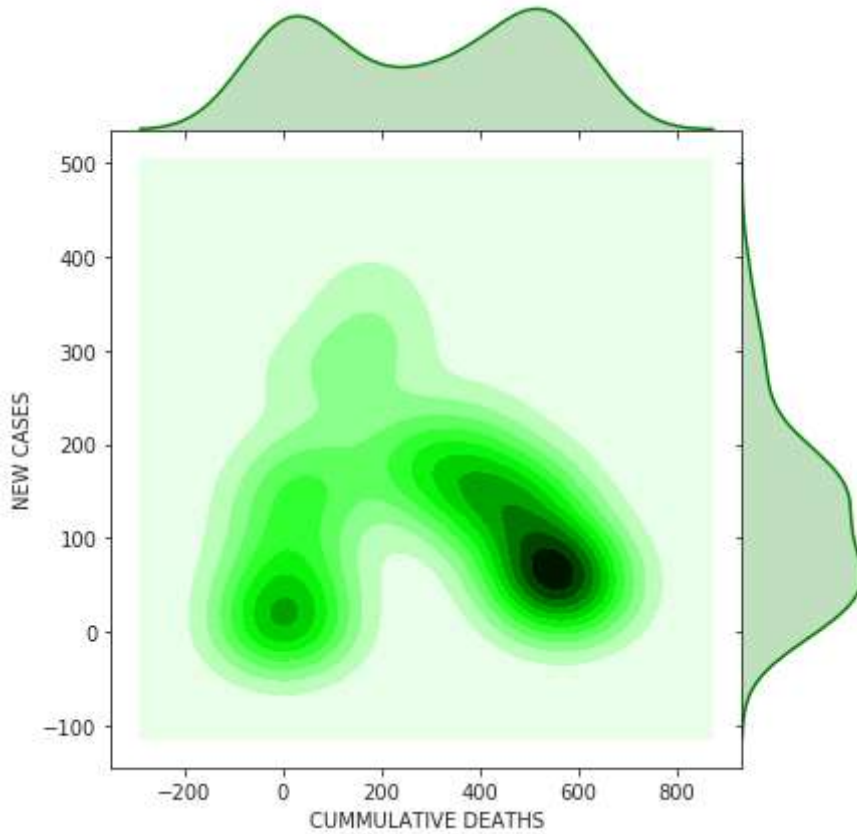
	DATE REPORTED	NEW CASES	CUMMULATIVE CASES	NEW DEATHS	CUMMULATIVE DEATHS
0	27/02/2020	5.0	5.0	0.0	0
1	28/02/2020	1.0	6.0	0.0	0
2	29/02/2020	1.0	7.0	0.0	0
3	01/03/2020	1.0	8.0	0.0	0
4	02/03/2020	1.0	9.0	0.0	0
...
95	01/06/2020	36.0	11669.0	3.0	574
96	02/06/2020	30.0	11699.0	2.0	576
97	03/06/2020	35.0	11734.0	4.0	580
98	04/06/2020	37.0	11771.0	0.0	580
99	05/06/2020	40.0	11811.0	2.0	582

100 rows × 5 columns

In [8]:

```
with sns.axes_style("ticks"):
    sns.jointplot("CUMMULATIVE DEATHS",
                  "NEW CASES",
                  data = covid_data,
                  kind = "kde",
                  space = 0,
                  color = "G")
```

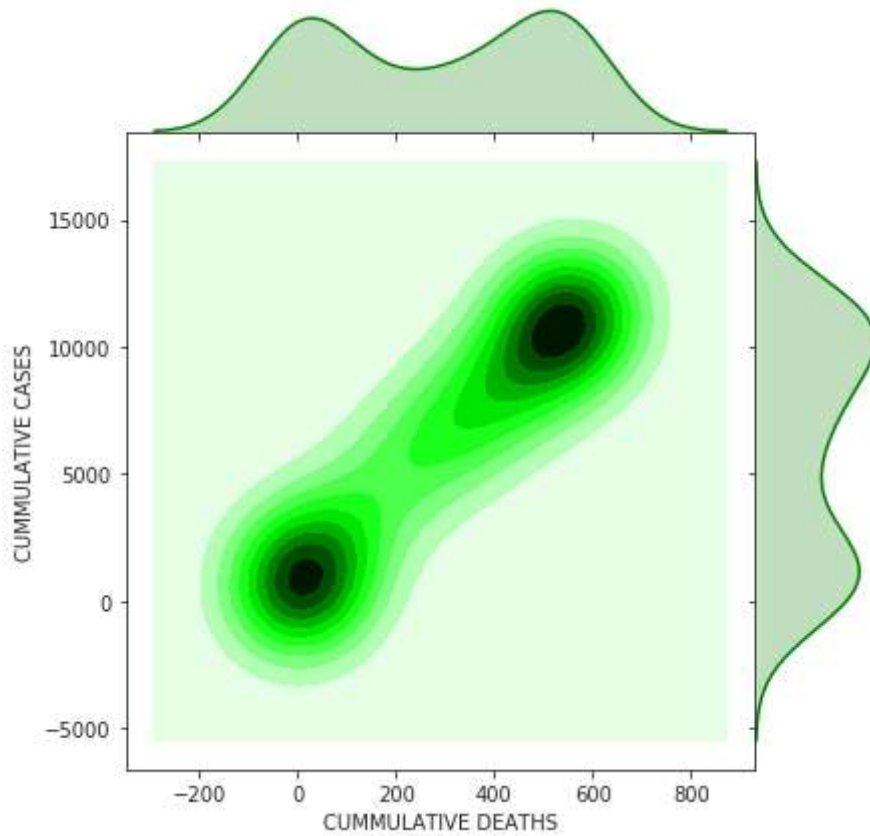
```
plt.show()
```



In [9]:

```
with sns.axes_style("ticks"):
    sns.jointplot("CUMMULATIVE DEATHS",
                  "CUMMULATIVE CASES",
                  data = covid_data,
                  kind = "kde",
                  space = 0,
                  color = "G")
```

```
plt.show()
```



In [10]:

In []: