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

```
df = pd.read_csv('/content/Monkey_Pox_Cases_Worldwide - Monkey_Pox_Cases_Worldwide.c
```

```
df.head()
```

	Country	Confirmed_Cases	Suspected_Cases	Hospitalized	Travel_History_Yes	Trav
0	England	183	0	5	2	
1	Portugal	100	0	0	0	
2	Spain	136	66	10	2	
3	United States	19	0	2	9	

```
df.tail()
```

	Country	Confirmed_Cases	Suspected_Cases	Hospitalized	Travel_History_Yes	Tra
36	Peru	0	0	1	1	
37	Brazil	0	3	0	1	
38	Malaysia	0	0	0	0	
39	Hungary	1	0	0	0	
40	Norway	1	0	0	1	

```
df.shape
```

```
(41, 6)
```

```
df.columns
```

```
Index(['Country', 'Confirmed_Cases', 'Suspected_Cases', 'Hospitalized',
       'Travel_History_Yes', 'Travel_History_No'],
      dtype='object')
```

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
```

```
RangeIndex: 41 entries, 0 to 40
Data columns (total 6 columns):
 #   Column              Non-Null Count  Dtype 
---  ------              --------------  ----- 
 0   Country             41 non-null     object
 1   Confirmed_Cases     41 non-null     int64 
 2   Suspected_Cases     41 non-null     int64 
 3   Hospitalized        41 non-null     int64 
 4   Travel_History_Yes  41 non-null     int64 
 5   Travel_History_No   41 non-null     int64 
dtypes: int64(5), object(1)
memory usage: 2.0+ KB
```

```
df.describe()
```

	Confirmed_Cases	Suspected_Cases	Hospitalized	Travel_History_Yes	Travel_Hi
count	41.000000	41.000000	41.000000	41.000000	
mean	15.048780	3.146341	1.390244	1.390244	
std	37.684182	11.577048	3.105463	2.245863	
min	0.000000	0.000000	0.000000	0.000000	
25%	0.000000	0.000000	0.000000	0.000000	
50%	2.000000	0.000000	0.000000	1.000000	
75%	5.000000	1.000000	1.000000	2.000000	
max	183.000000	66.000000	13.000000	9.000000	

```
df.isnull().sum()
```

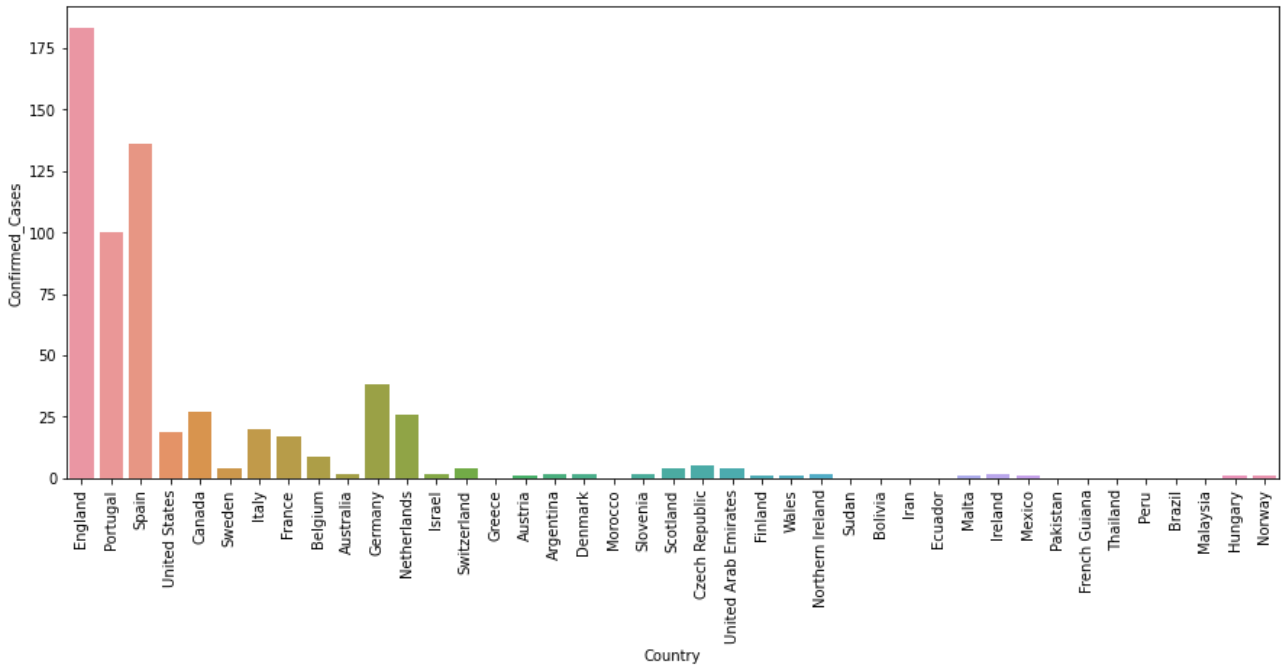
```
Country              0
Confirmed_Cases      0
Suspected_Cases      0
Hospitalized         0
Travel_History_Yes   0
Travel_History_No    0
dtype: int64
```

```
df.nunique()
```

```
Country              41
Confirmed_Cases      15
Suspected_Cases       8
Hospitalized          8
Travel_History_Yes    6
Travel_History_No     4
dtype: int64
```

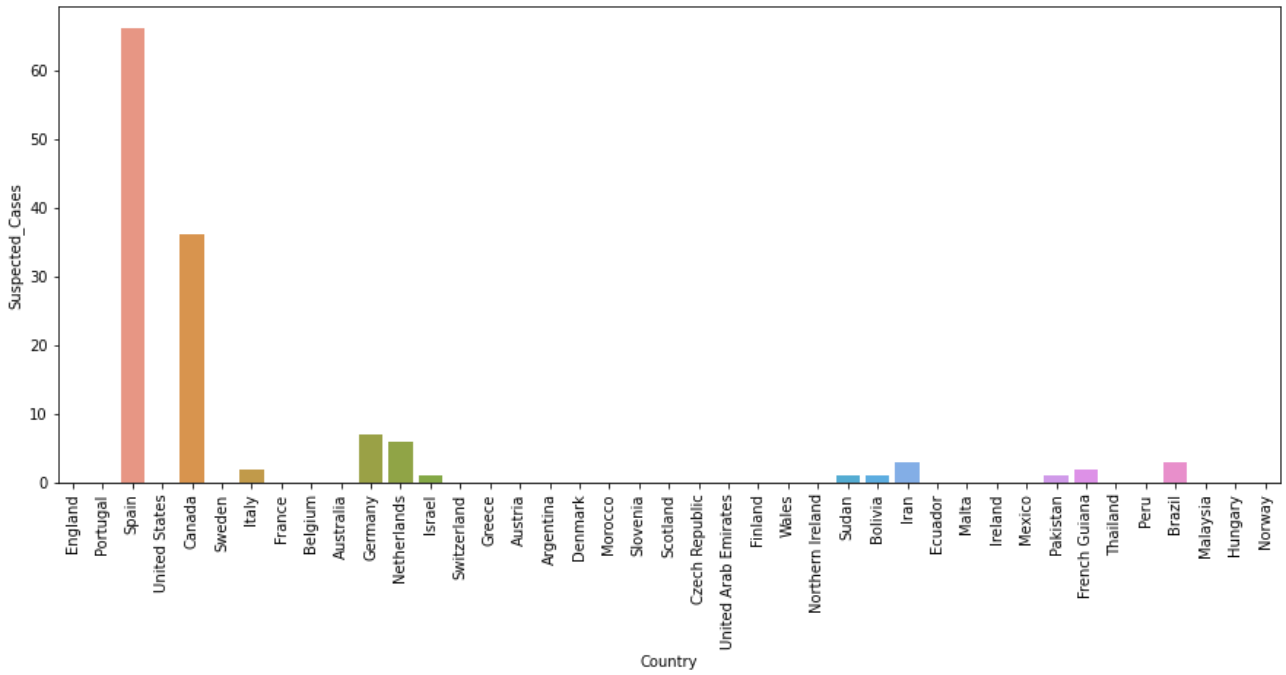
```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Confirmed_Cases',data = df)
```

```
plt.xticks(rotation = 90)
plt.show()
```

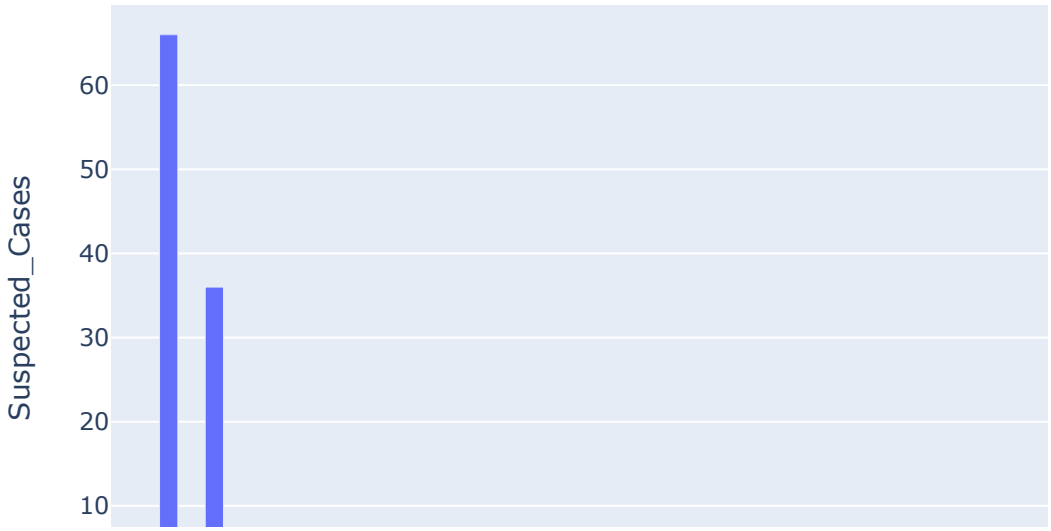



```
plt.figure(figsize = (20,8))
fig4 = px.bar(df, x = 'Country',y = 'Confirmed_Cases')
fig4.show()
```

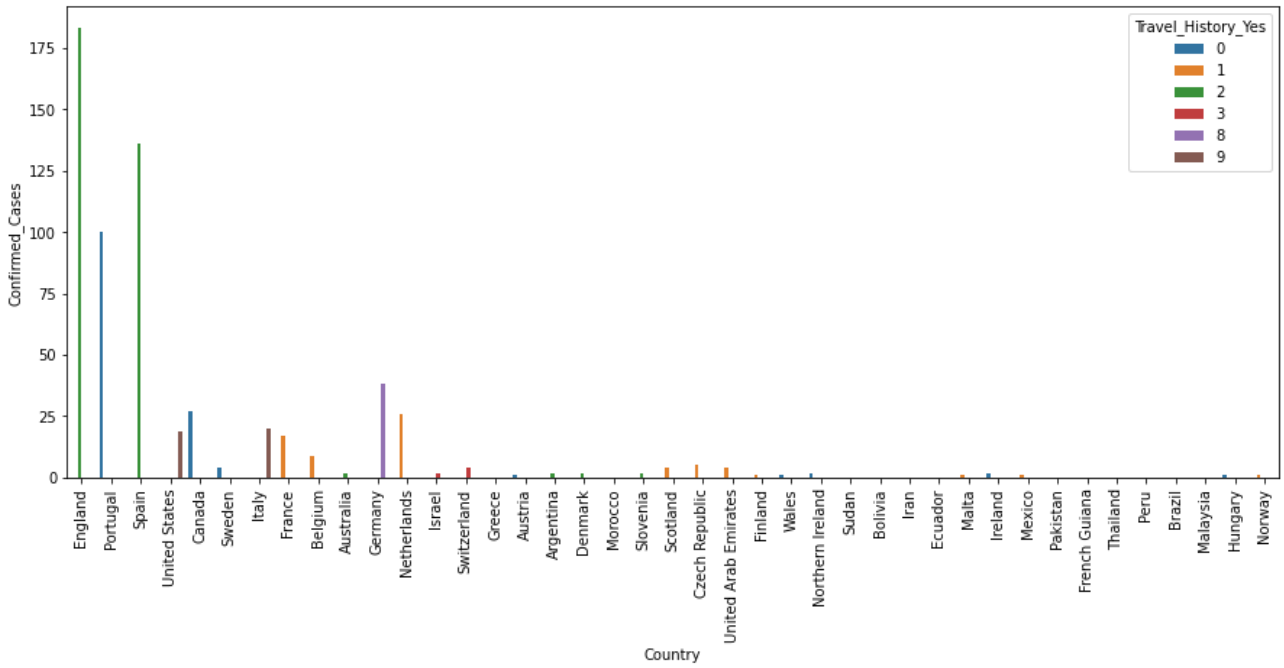
```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Suspected_Cases',data = df)
plt.xticks(rotation = 90)
plt.show()
```




```
plt.figure(figsize = (20,8))
fig5 = px.bar(df,x = 'Country',y = 'Suspected_Cases')
fig5.show()
```



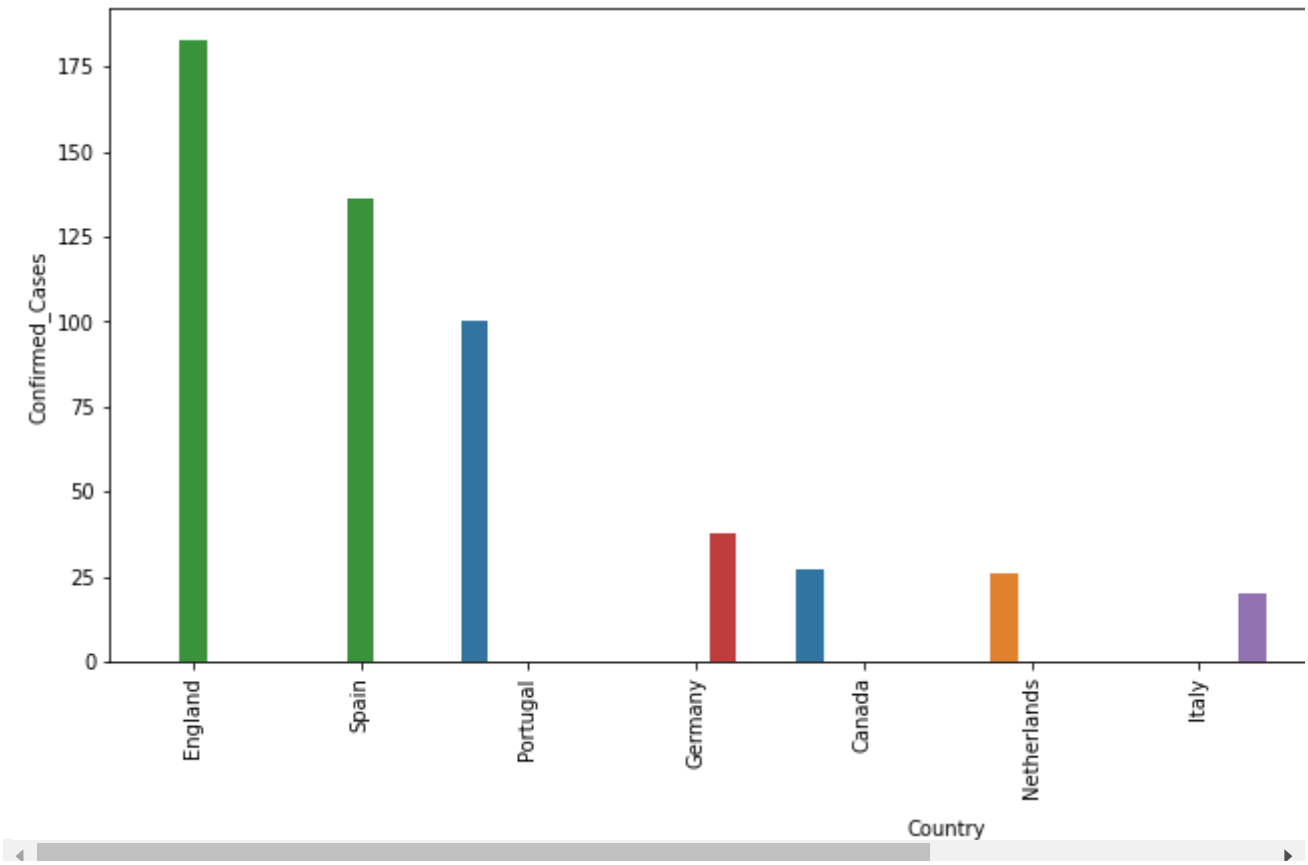

```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Confirmed_Cases',hue = 'Travel_History_Yes',data = df
plt.xticks(rotation = 90)
plt.show()
```



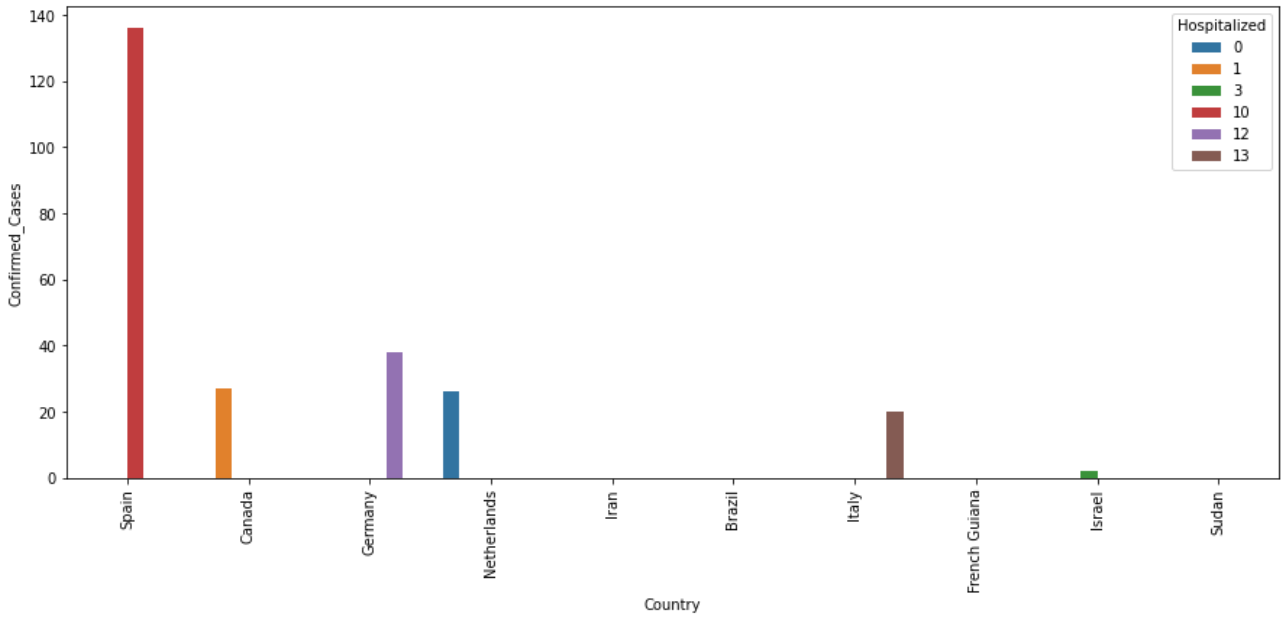

```
df1 = df['Germany']
```

```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Confirmed_Cases',hue = 'Travel_History_Yes',data = df
```

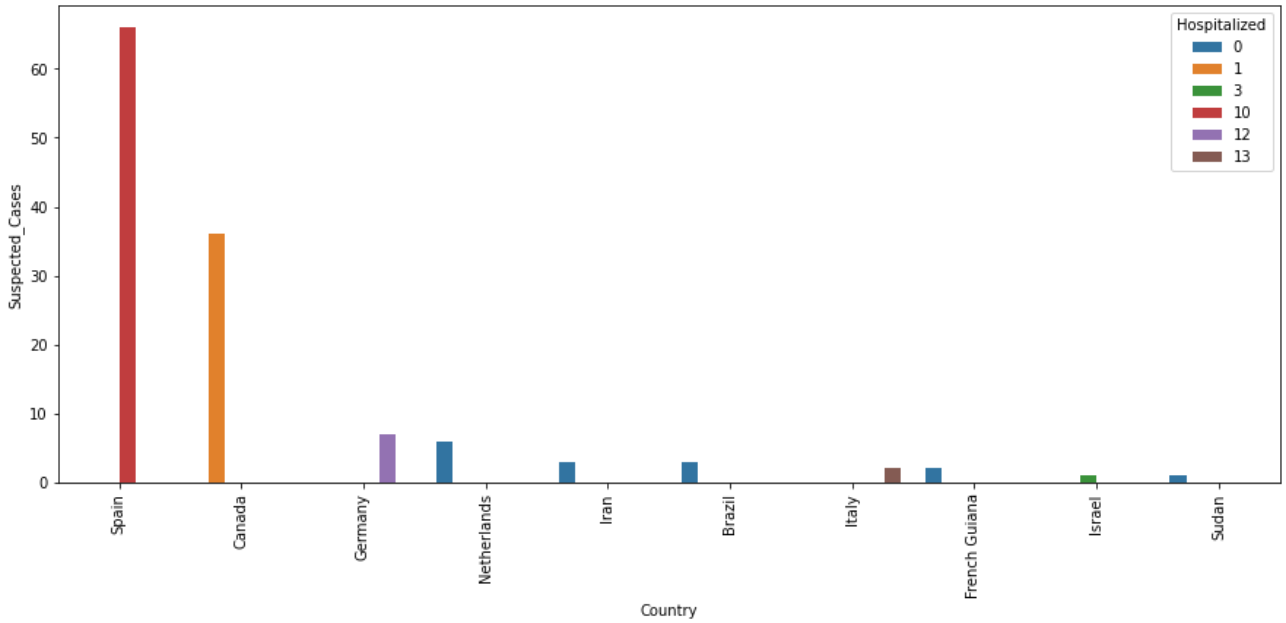
```
plt.xticks(rotation = 90)
plt.show()
```




```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Confirmed_Cases',hue = 'Hospitalized',data = df.nlarg
plt.xticks(rotation = 90)
plt.show()
```



```
plt.figure(figsize = (15,6))
sns.barplot(x = 'Country',y = 'Suspected_Cases',hue = 'Hospitalized',data = df.nlarg
plt.xticks(rotation = 90)
plt.show()
```




```
df.head()
```

	Country	Confirmed_Cases	Suspected_Cases	Hospitalized	Travel_History_Yes	Trav
0	England	183	0	5	2	
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