Conclusion from Countries

We explored column countries and used GeoPandas library to get Map of Countries and total number of orders from them.

1. Total no of orders from each country-

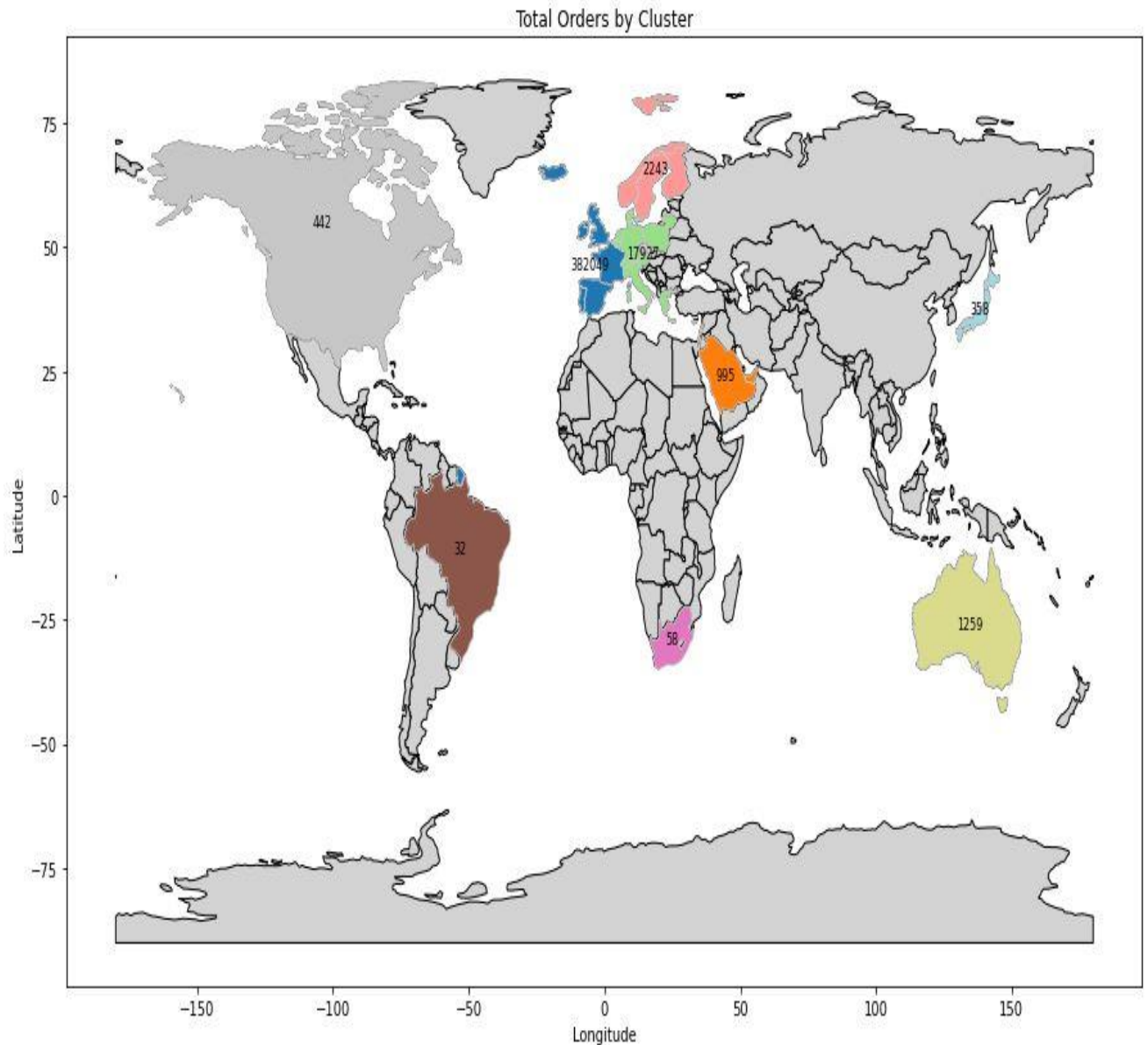|	Country	Number of orders
35	United Kingdom	361878
14	Germany	9495
13	France	8491
10	EIRE	7485
30	Spain	2533
23	Netherlands	2371
3	Belgium	2069
32	Switzerland	1877
26	Portugal	1480
0	Australia	1259
24	Norway	1086
18	Italy	803
6	Channel Islands	758
12	Finland	695
7	Cyprus	622
31	Sweden	462
1	Austria	401
9	Denmark	389
19	Japan	358
25	Poland	341
33	USA	291
17	Israel	250
36	Unspecified	244
29	Singapore	229
16	Iceland	182
5	Canada	151
15	Greece	146
22	Malta	127
34	United Arab Emirates	68
11	European Community	61
27	RSA	58
20	Lebanon	45
21	Lithuania	35
4	Brazil	32
8	Czech Republic	30
2	Bahrain	17
28	Saudi Arabia	10

We can see maximum number of orders is from UK.

2. Showing results in Map-

Orders by Country

Maximum number of orders are around UK.

3. Clustering countries-

Total Orders by Cluster

Cluster 0: **Countries: France, Portugal, Spain, Ireland, United Kingdom, Iceland | Color: (0.12156862745098039, 0.4666666666666667, 0.7058823529411765, 1.0) | Total Orders: 382049**

Cluster 1**: Countries: Israel, Lebanon, United Arab Emirates, Saudi Arabia, Cyprus** | Color: (1.0, 0.4980392156862745, 0.054901960784313725, 1.0) | Total Orders: 995

Cluster 2: **Countries: Poland, Austria, Lithuania, Germany, Greece, Switzerland, Belgium, Netherlands, Italy, Denmark** | Color: (0.596078431372549, 0.8745098039215686, 0.5411764705882353, 1.0) | Total Orders: 17927

Cluster 3: Countries: **Norway, Sweden, Finland** | Color: (1.0, 0.596078431372549, 0.5882352941176471, 1.0) | Total Orders: 2243

Cluster 4: Countries: **Brazil** | Color: (0.5490196078431373, 0.33725490196078434, 0.29411764705882354, 1.0) | Total Orders: 32

Cluster 5: Countries: **South Africa** (RSA)| Color: (0.8901960784313725, 0.4666666666666667, 0.7607843137254902, 1.0) | Total Orders: 58

Cluster 6: Countries**: Canada, United States of America** | Color: (0.7803921568627451, 0.7803921568627451, 0.7803921568627451, 1.0) | Total Orders: 442

Cluster 7: Countries: **Australia** | Color: (0.8588235294117647, 0.8588235294117647, 0.5529411764705883, 1.0) | Total Orders: 1259

Cluster 8: Countries: **Japan** | Color: (0.6196078431372549, 0.8549019607843137, 0.8980392156862745, 1.0) | Total Orders: 358

We can see **Maximum** no. of orders are from **European** countries, specially from the **United Kingdom and neighbouring countries**.