SNO	COUNTRIES	OTT-USERS(%)	THEATER-USERS(%)
1	Afghanistan	4	53.5
2	Albania	7	63
3	Algeria	18	65
4	Argentina	64.3	70
5	Armenia	6	75
6	Australia	67	60
7	Austria	53	56
8	Azerbaijan	20	35
9	Bahamas	10	30
10	Bahrain	20	33.6
11	Bangladesh	30	52
12	Belgium	70	61.2
13	Bhutan	33	73.5
14	Bolivia	38	45.6
15	Botswana	40	60
16	Brazil	58.4	48.3
17	Bulgaria	42	53
18	Canada	52.63	78
19	Chile	30.6	72
20	China	87	89.6
21	Colombia	62.1	72.4
22	Czech	30	59
23	Democratic Republic of the Congo	15	67.5
24	Denmark	77.4	68
25	Dominican Republic	36	56
26	Europe	68.8	76.2
27	Egypt	30	38
28	Ethiopia	43	59.8
29	Fiji	62	68
30	Finland	68.9	73
31	France	60.1	96.4
32	Georgia	73	72
33	Germany	60.3	71.9
34	Croatia	28	44
35	Greece	20	86
36	Guinea	65	67
37	Hungary	29	71.3
38	Iceland	30	63
39	India	86	90.5

40	Indonesia	83.7	85
41	Iraq	3	20
42	Ireland	58	65.8
43	Israel	32	53.2
44	Italy	63.7	69
45	Jamaica	45	61
46	Japan	55	73.9
47	Jordan	15	72
48	Kazakhstan	25	44
49	Kenya	64	71.6
50	Kuwait	19	25
51	Luxembourg	26	76
52	Madagascar	44	53.4
53	Malaysia	38	78
54	Maldives	60	40
55	Malta	22	52
56	Mauritius	29	63
57	Mexico	40	75.6
58	Mongolia	18	54
59	Morocco	57	68
60	Myanmar (formerly Burma)	35	67
61	Nepal	30	59.6
62	Netherlands	75.8	76
63	New Zealand	58	78
64	Nigeria	30	59
65	North Macedonia	23	79
66	Norway	70	71.3
67	Oman	17	27
68	Pakistan	9	52
69	Panama	13	21
70	Paraguay	46	51
71	Peru	47	52.7
72	Philippines	34	61
73	Poland	25	67
74	Portugal	35	79
75	Qatar	15	7
76	Romania	23	31.2
77	Russia	30	68
78	Saudi Arabia	6	0
79	Serbia	20	42
80	Singapore	47	57
81	Slovakia	22	38

82	Somalia	13	41
83	South Africa	15	26
84	South Korea	82	80
85	Spain	55.9	78.4
86	Sri Lanka	43	47
87	Sweden	79.2	81
88	Switzerland	62	86
89	Tajikistan	8	15
90	Tanzania	21	56
91	Thailand	38	62
92	Turkey	24	74
93	Uganda	12	53.1
94	Ukraine	10	75
95	United Arab Emirates	18	13
96	United Kingdom	74	70
97	United States of America	85.4	89.5
98	Uruguay	31.8	34
99	Vietnam	37	64
100	Zimbabwe	30	40

#CODE FOR COMPARING OTT vs THEATRE USERS

CODE:

```python
import pandas as pd
data=pd.read_excel("E:/imarticus/python_data science/ottTheatreData.xlsx")
a=data.OTT_USERS.var()
b=data.THEATRE_USERS.var()
print("\n----------------------------")
print("OTT USERS:")
print("----------------------------")
print("MEAN=",data.OTT_USERS.mean())
print("MEDIAN=",data.OTT_USERS.median())
print("MODE=",data.OTT_USERS.mode())
print("MAXIMUM=",data.OTT_USERS.max())
print("MINIMUM=",data.OTT_USERS.min())
print("STANDARD DEVIATION=",data.OTT_USERS.std())
print("VARIENCE=",data.OTT_USERS.var())
print("SKEWNESS=",data.OTT_USERS.skew())
print("KURTOSIS=",data.OTT_USERS.kurt())
print("\n----------------------------")
print("THEATRE USERS:")
print("----------------------------")
print("MEAN=",data.THEATRE_USERS.mean())
print("MEDIAN=",data.THEATRE_USERS.median())
print("MODE=",data.THEATRE_USERS.mode())
print("MAXIMUM=",data.THEATRE_USERS.max())
print("MINIMUM=",data.THEATRE_USERS.min())
print("STANDARD DEVIATION=",data.THEATRE_USERS.std())
print("VARIENCE=",data.THEATRE_USERS.var())
print("SKEWNESS=",data.THEATRE_USERS.skew())
print("KURTOSIS=",data.THEATRE_USERS.kurt())
print("\n---------------------------------------------------------------")
```

```
if(a<b):

    print("\nWe conclude that, OTT is preferred by many users because it is consistent")

else:

    print("\nWe conclude that, THEATER is preferred by many users because it is
consistent.\nIt clearly states that the user likes to watch movies in theaters than otts")
```

OUTPUT:

OTT USERS:

MEAN= 39.43030000000001

MEDIAN= 34.5

MODE= 0   30.0

dtype: float64

MAXIMUM= 87.0

MINIMUM= 3.0

STANDARD DEVIATION= 22.623234032536317

VARIENCE= 511.8107180909094

SKEWNESS= 0.39949053972630755

KURTOSIS= -0.9051139178505112

THEATRE USERS:

MEAN= 59.035999999999994

MEDIAN= 62.5

MODE= 0   68.0

dtype: float64

MAXIMUM= 96.4

MINIMUM= 0.0

STANDARD DEVIATION= 19.597966911664766

VARIENCE= 384.080307070707

SKEWNESS= -0.7895553326129084

KURTOSIS= 0.37045361490212336

CONCLUSION:

We conclude that, THEATER is preferred by many users because it is consistent.

It clearly states that the user likes to watch movies in theaters than ott's.