Hotel Review Dashboard

| Record Count	is_bad_review
51,574	2,230

Hotels with Most Negative Reviews

	Hotel_Name	is_bad_review ▼
1.	Britannia International Hotel Canary Wharf	83
2.	Hilton London Metropole	43
3.	Millennium Gloucester Hotel London	27
4.	Henry VIII	26
5.	Holiday Inn London Kensington	24
6.	Commodore Hotel	24
7.	Hotel Cavendish	24
8.	The Cumberland A Guoman Hotel	23

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Room Type Popularity
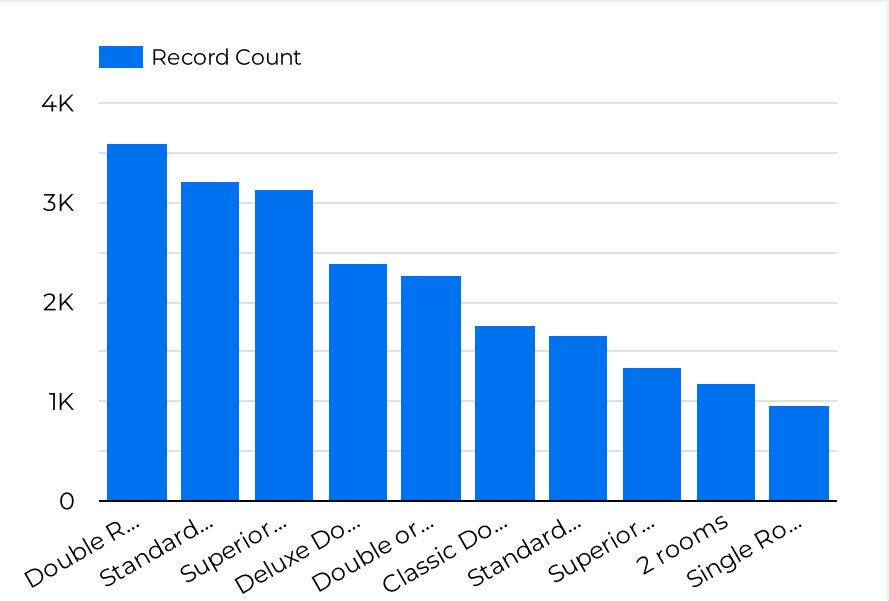
Room Types by Rating

	Tag_2_Room_Type	Hotel_Name	Reviewer_Score ▲
1.	Twin Junior Suite	Victoria Palace Hotel	2.5
2.	Suite	Britannia International Hote...	2.5
3.	Luxury Studio Suite	Simply Rooms Suites	2.5
4.	Superior Executive Room with Execu...	Vienna Marriott Hotel	2.5
5.	3 rooms	Royal Ramblas	2.5
6.	2 rooms	Radisson Blu Edwardian Me...	2.5
7.	Superior Queen Room with Sofa	Novotel Paris 14 Porte d Orl ...	2.5
8.	Superior Room	Chateau Frontenac	2.5
9.	3 rooms	Kingsway Hall Hotel	2.5

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Average Review score with Time
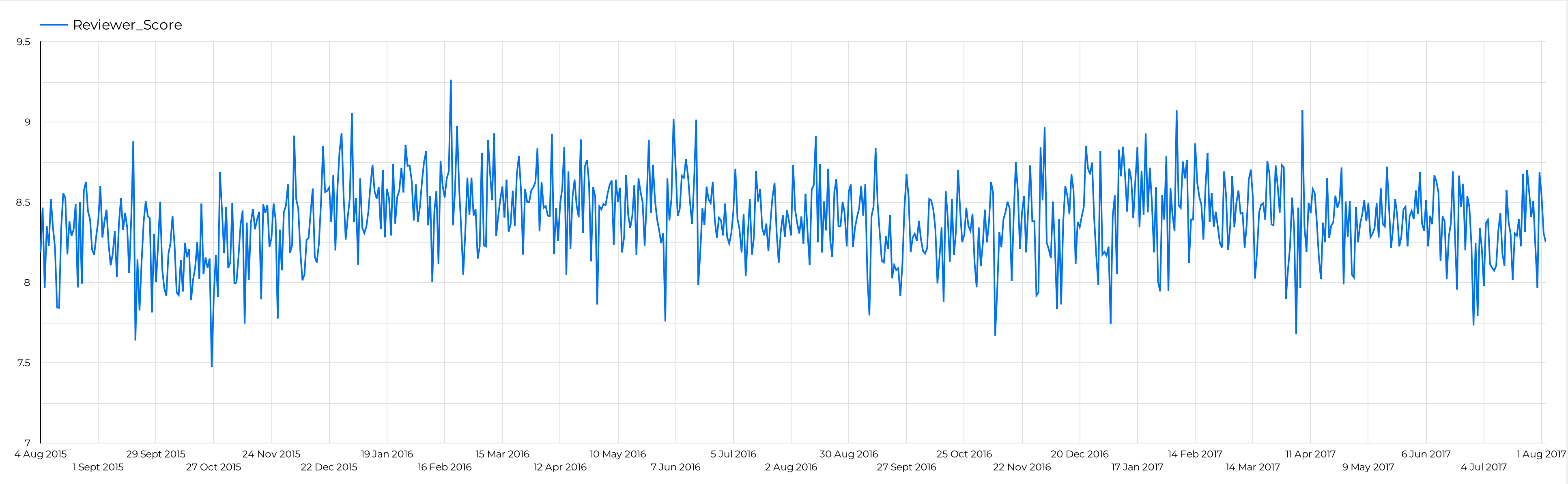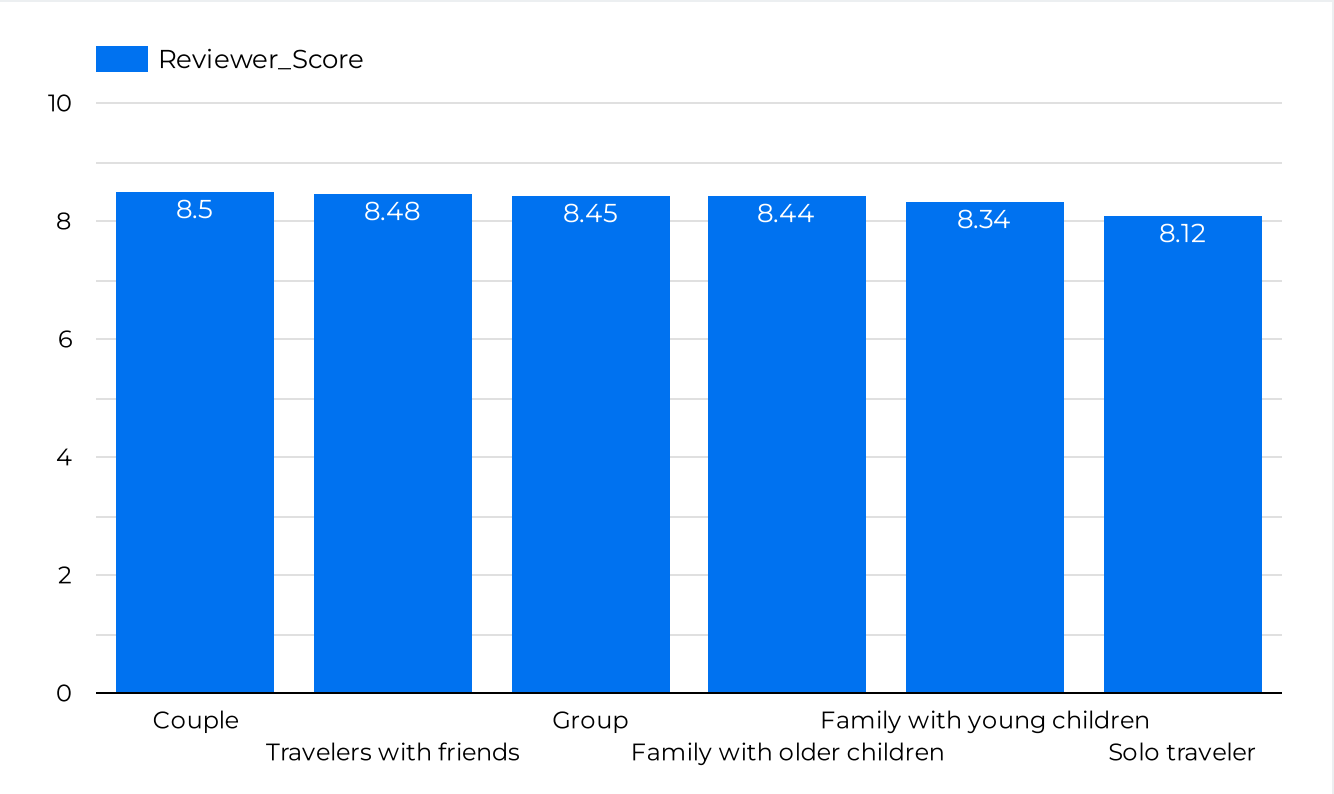
Hotel Review Dashboard

Reviewer Score by Travel Type

Reviewer_Score

8.49 — Leisure trip
7.96 — Business trip
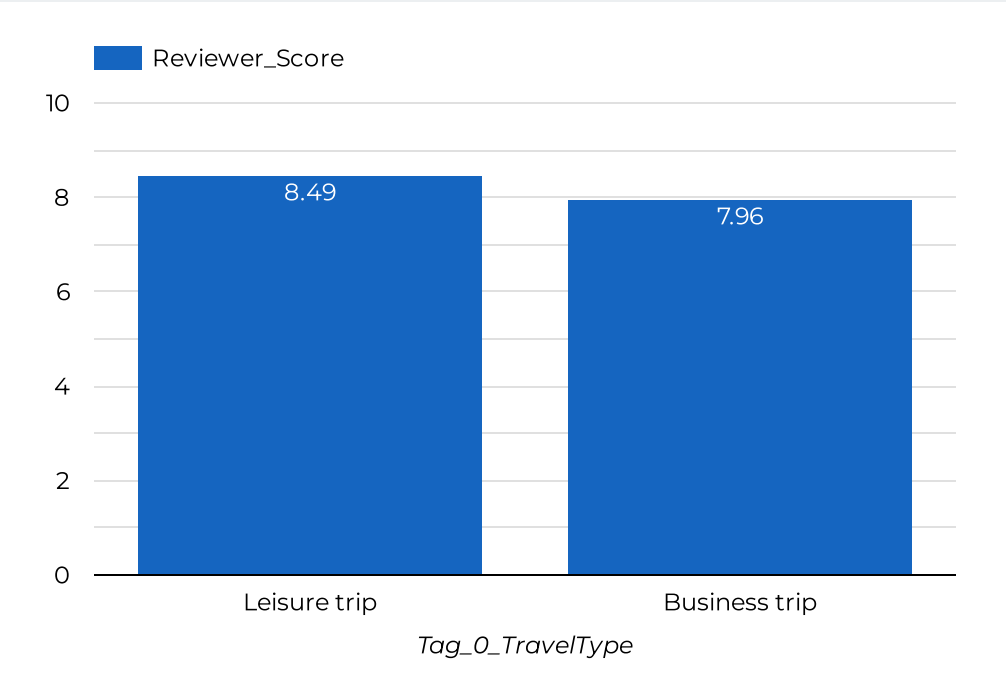
Tag_0_TravelType

Proportion of travel type

16.7%
83.3%

● Leisure trip
● Business trip

Removed 1597 of '0' values
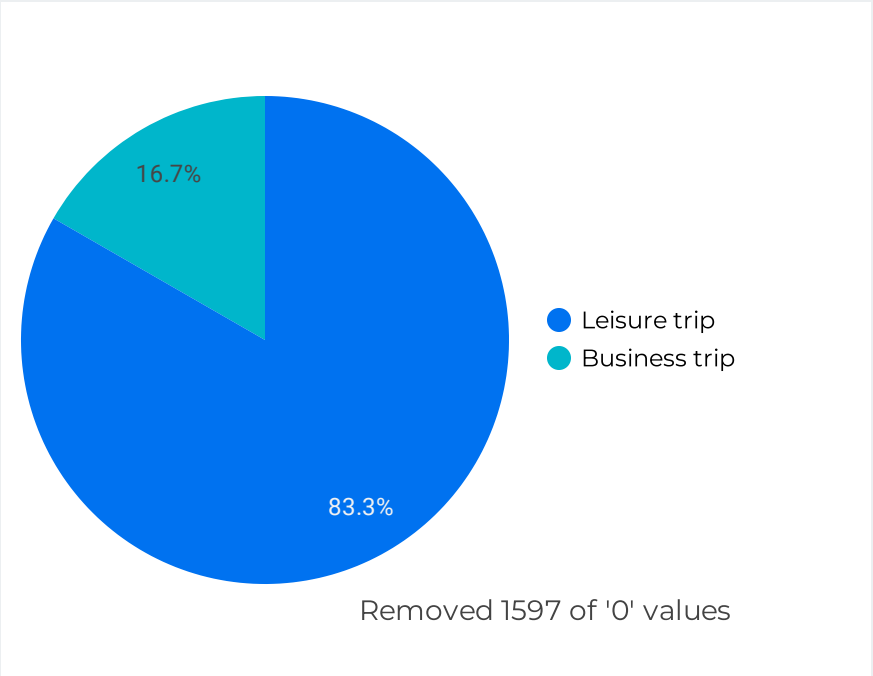
Review score by number of nights stayed

Reviewer_Score

Stayed 19 nights
Stayed 25 nights
Stayed 12 nights
Stayed 4 nights
Stayed 3 nights
Stayed 1 night
Stayed 2 nights
Stayed 6 nights
Stayed 7 nights
Stayed 5 nights
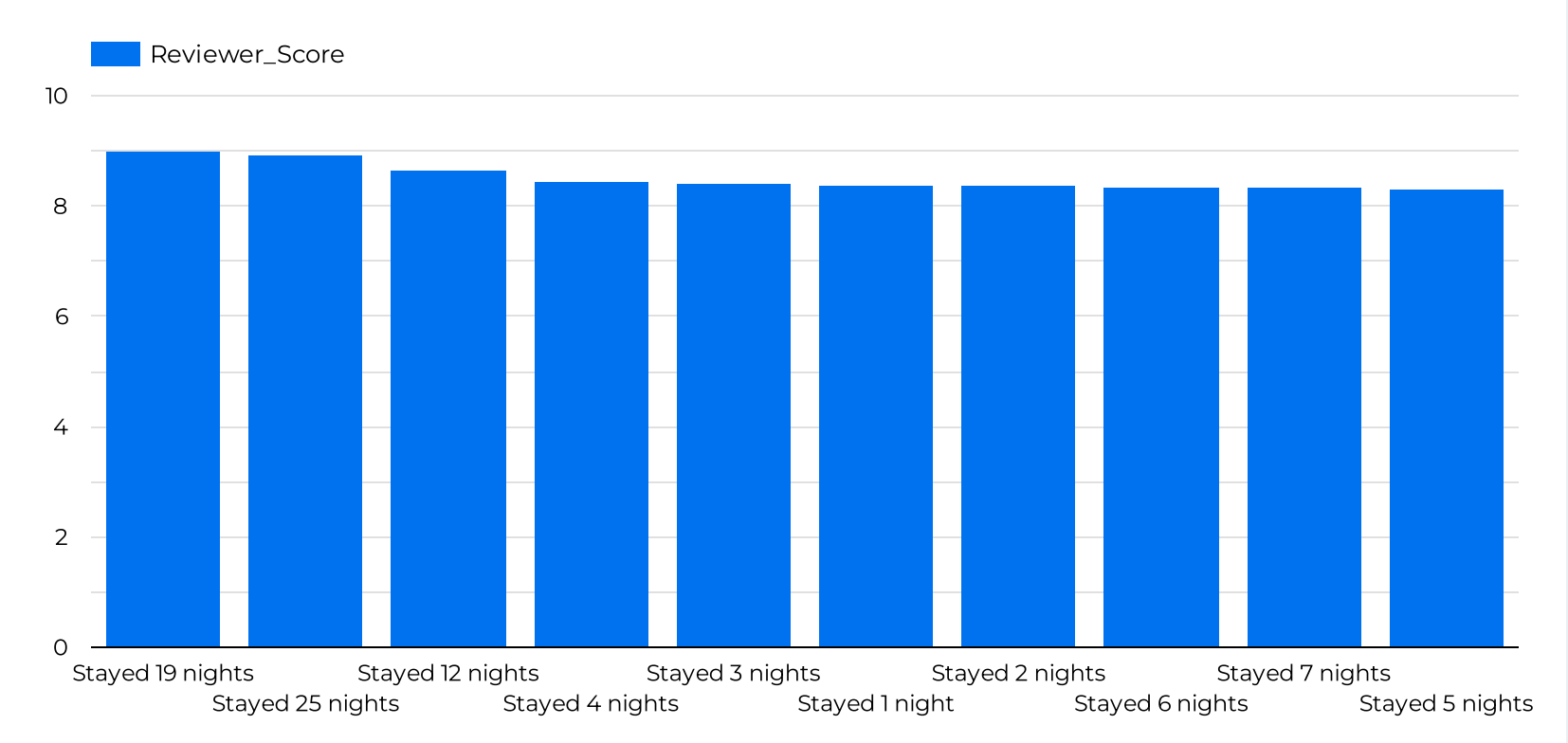
Review Score by Individual Type

Reviewer_Score

8.5 — Couple
8.48 — Travelers with friends
8.45 — Group
8.44 — Family with older children
8.34 — Family with young children
8.12 — Solo traveler

Number of nights stayed count

	Tag_3_Stay	Record Count
1.	Stayed 1 night	19,230
2.	Stayed 2 nights	13,288
3.	Stayed 3 nights	9,705
4.	Stayed 4 nights	4,833
5.	Stayed 5 nights	2,111
6.	Stayed 6 nights	967
7.	Stayed 7 nights	777
8.	Stayed 8 nights	221
9.	Stayed 9 nights	142
10.	Stayed 10 nights	99
11.	Stayed 11 nights	50
12.	Stayed 12 nights	41
17.	Stayed 17 nights	20

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Hotel Name by Review Count

	Hotel_Name ▾	Record Count
1.	pentahotel Vienna	17
2.	every hotel Piccadilly	62
3.	citizenM Tower of London	175
4.	citizenM London Shoreditch	87
5.	citizenM London Bankside	152
6.	citizenM Amsterdam	105
7.	art otel Amsterdam	72
8.	Zenit Borrell	12
9.	Zenit Barcelona	7
10.	XO Hotel	1
11.	Worldhotel Cristoforo Colombo	47
12.	Windsor Opera	4
17.	Windsor Hotel Milano	52

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Hotel Review Dashboard

NLTK Sentimental Analysis

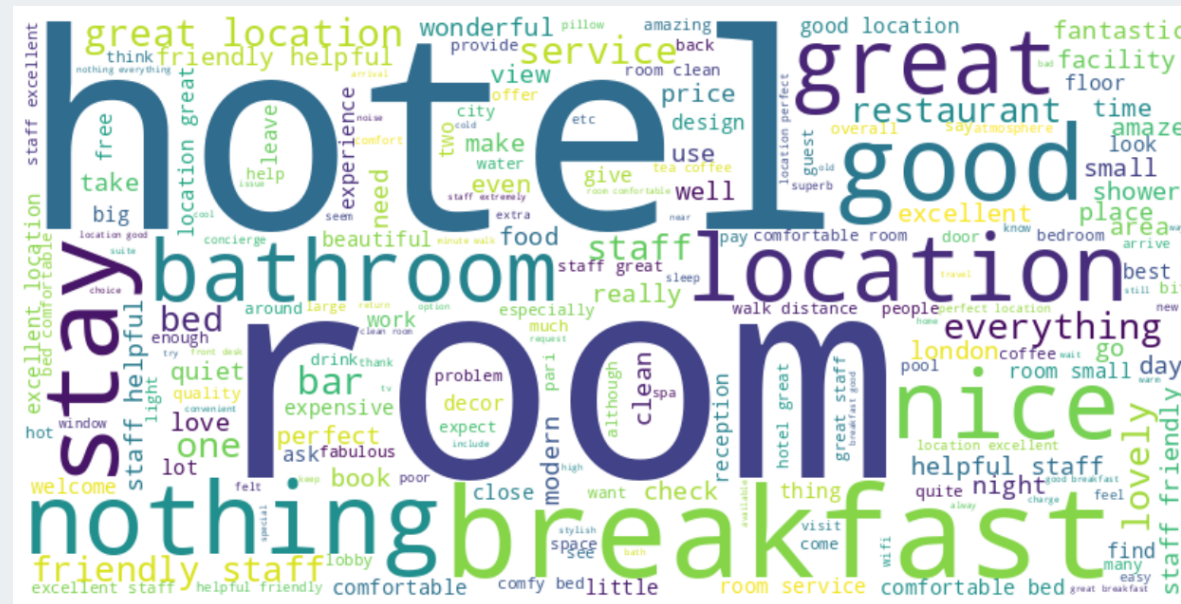|	review	is_bad_review	cleaned_review	neg	neu	pos	compound
0	Would have appreciated a shop in the hotel th...	0	would appreciate shop hotel sell drinking wate...	0.049	0.617	0.334	0.9924
1	No tissue paper box was present at the room	0	tissue paper box present room	0.216	0.784	0.000	-0.2960
2	Pillows Nice welcoming and service	0	pillow nice welcome service	0.000	0.345	0.655	0.6908
3	Everything including the nice upgrade The Hot...	0	everything include nice upgrade hotel revamp s...	0.000	0.621	0.379	0.9153
4	Lovely hotel v welcoming staff	0	lovely hotel welcome staff	0.000	0.230	0.770	0.7717

Good to bad review ratio

```
4.3
95.7
0      49344
1       2230
Name: is_bad_review, dtype: int64
```

Word cloud for Cleaned Reviews

Word cloud for Hotel ratings > 9

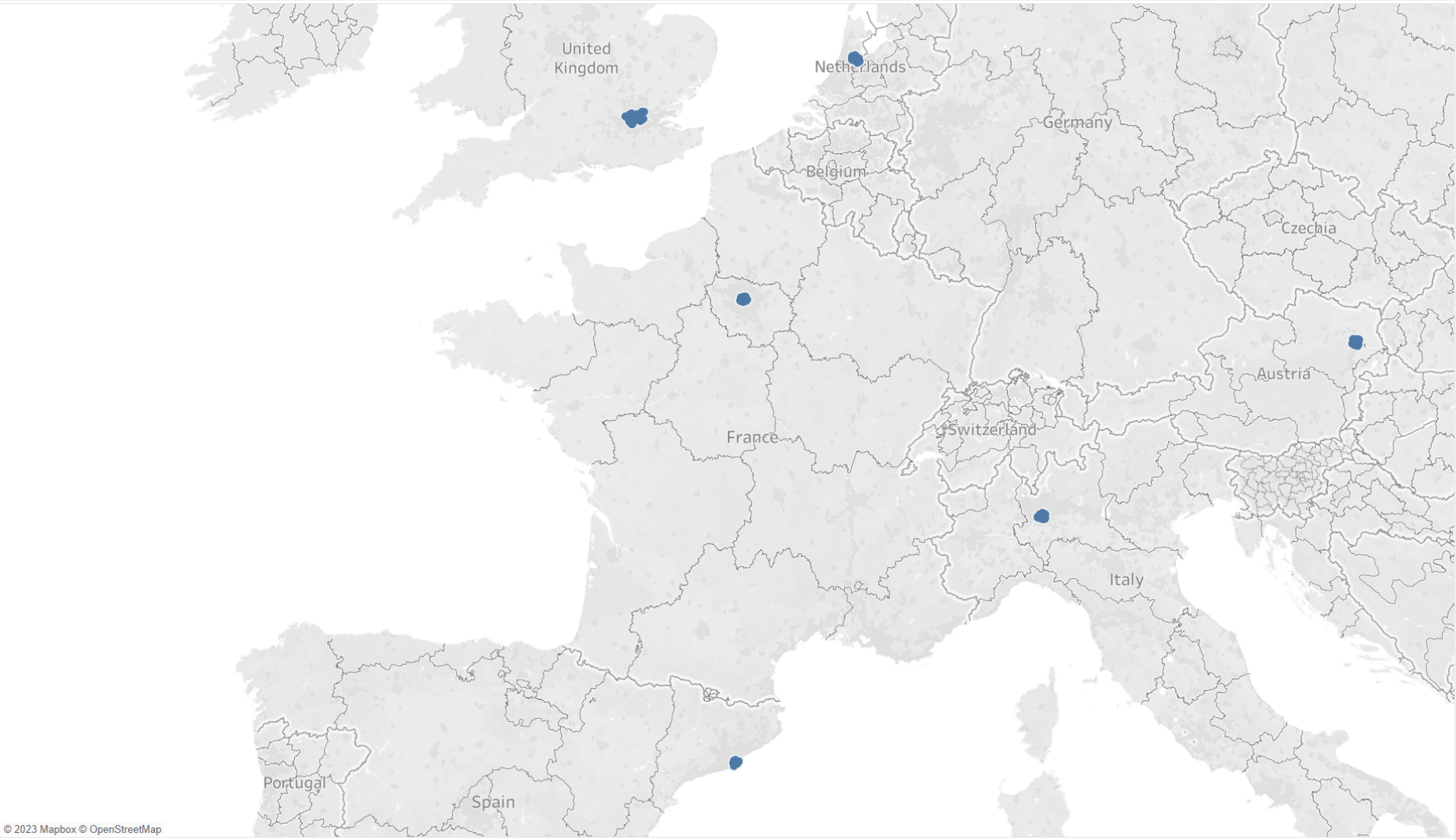## Lossy Count for Hotel ratings > 9

```
room: 72
hotel: 43
staff: 33
location: 23
breakfast: 22
bad: 17
night: 13
go: 13
book: 13
bathroom: 12
bed: 12
stay: 12
good: 11
one: 10
star: 10
clean: 9
pay: 9
small: 9
nice: 9
check: 9
```

Word cloud for Hotel ratings < 7

Lossy Count for Hotel ratings < 7

```
room: 182
hotel: 82
bed: 59
breakfast: 42
staff: 40
small: 35
location: 33
bathroom: 33
nothing: 32
even: 28
star: 28
one: 27
work: 25
shower: 25
get: 25
window: 25
stay: 24
good: 24
poor: 23
dirty: 23
```
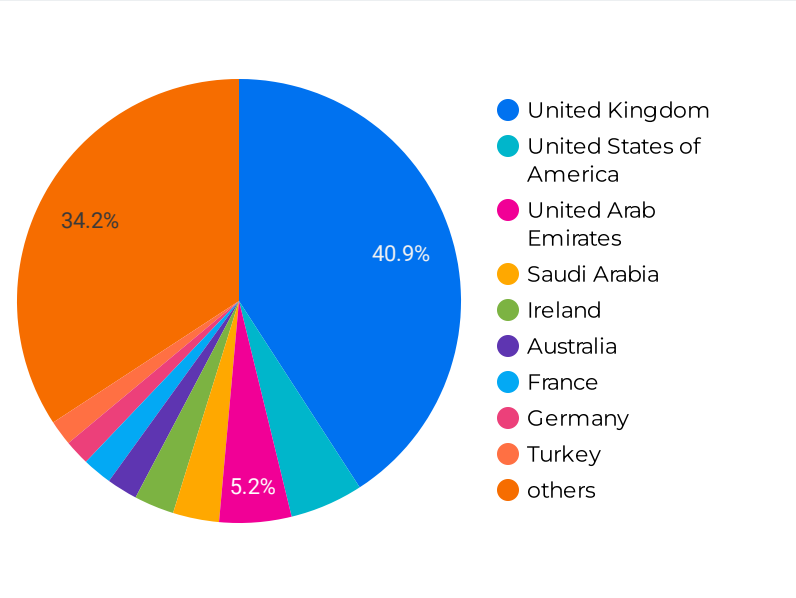
Hotel Review Dashboard

Hotel Location

© 2023 Mapbox © OpenStreetMap

Reviewer's Nationality

- United Kingdom
- United States of America
- United Arab Emirates
- Saudi Arabia
- Ireland
- Australia
- France
- Germany
- Turkey
- others

40.9%
34.2%
5.2%

Reviewer's Nationality Count

	Reviewer_Nationality ▾	Record Count
1.	Zimbabwe	5
2.	Zambia	2
3.	Yemen	1
4.	Vietnam	22
5.	Venezuela	12
6.	Uzbekistan	3
7.	Uruguay	13
8.	United States of America	3,461
9.	United States Minor Outlying Islands	10

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Number of Bad Reviews based on Reviewer's Nationality

- is_bad_review
- nationality percent

United Kingdom, United States of America, United Arab Emirates, Saudi Arabia, Ireland, Australia, France, Germany, Turkey, Italy

Hotels with highest variance in review score

	Hotel_Name	Reviewer_Score ▾
1.	Victoria Palace Hotel	12.5
2.	MARQUIS Faubourg St Honor Relais Ch teaux	9.16
3.	Le Relais M dicis	8.42
4.	Hotel Parco di Sch nbrunn Vienna	7.91
5.	Novotel Paris 14 Porte d Orl ans	7.69
6.	AC Hotel Milano a Marriott Lifestyle Hotel	7.33
7.	H tel Regina Op ra Grands Boulevards	7.29
8.	H tel Jos phine by Happyculture	6.38
9.	Le Marceau Bastille	6.23

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