Airbnb Review Data Analysis

City

- [ ] Select all
- [ ] (Blank)
- [ ] Bangkok
- [ ] Cape Town
- [ ] Hong Kong

District

- [ ] Select all
- [ ] (Blank)
- [ ] Bronx
- [ ] Brooklyn
- [ ] Manhattan
- [ ] Queens

Bedrooms

- [ ] Select all
- [ ] (Blank)
- [ ] 1
- [ ] 2
- [ ] 3
- [ ] 4
- [ ] 5

Year

- [ ] Select all
- [ ] (Blank)
- [ ] 2008
- [ ] 2009
- [ ] 2010
- [ ] 2011
- [ ] 2012

Listing of all Cities

Paris - 15,328
Rome - 1,684
New York - 4,668
Mexico City - 786
Istanbul - 810
Hong Kong - 179
Rio de Janeiro - 2,000
Bangkok - 544
Cape Town - 753
Sydney - 3,221

Microsoft Bing
© 2022 Microsoft Corporation
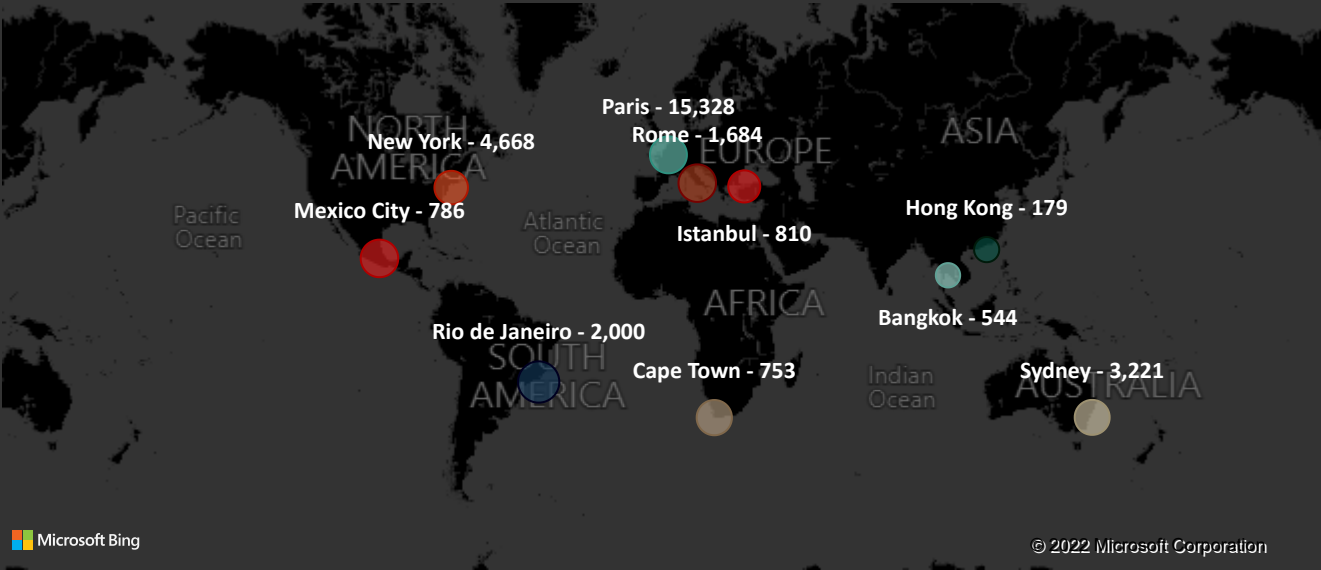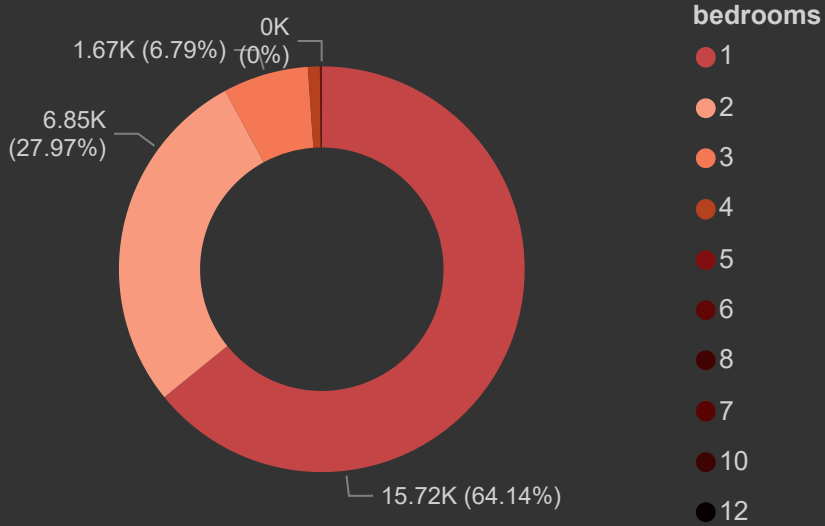
Minimum Nights	Number of Listing
2	7116
1	7057
3	4718
30	4240
4	1978
5	1848
7	1131
6	528
10	305
14	188
15	116
20	82
8	65
90	60
28	52
60	44
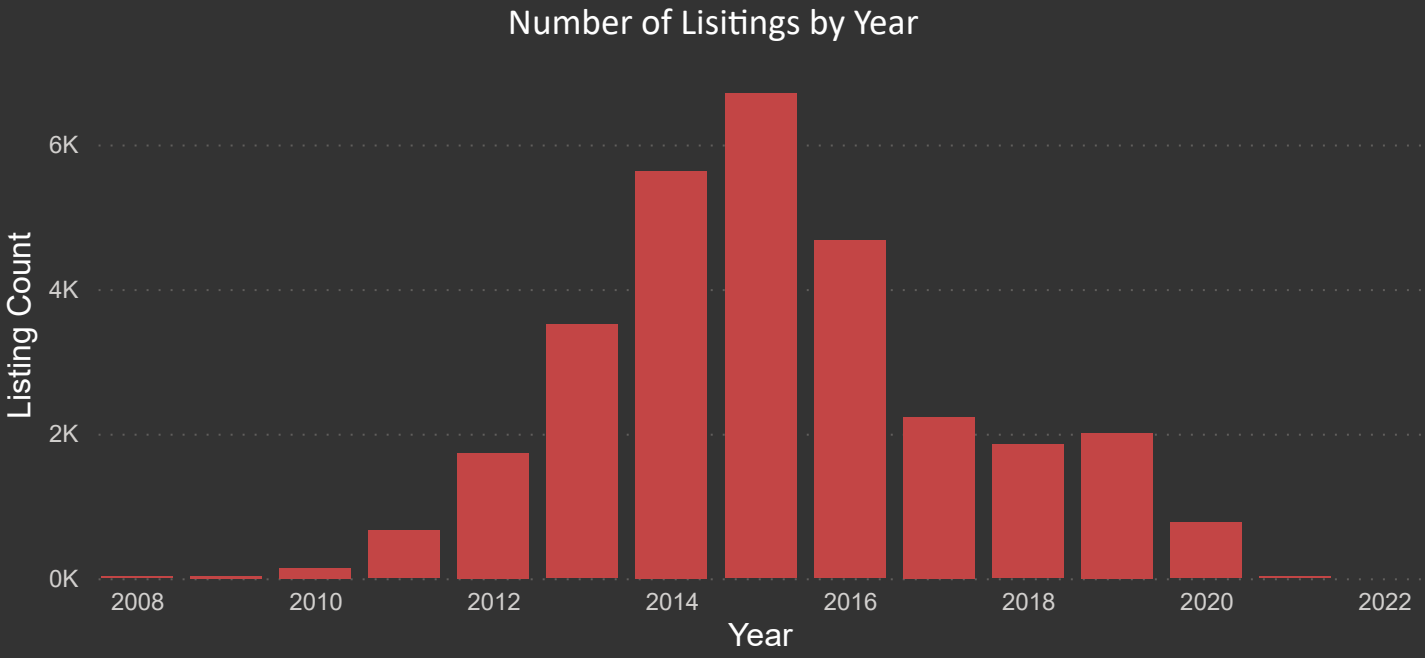
% of BHK's

bedrooms
- 1
- 2
- 3
- 4
- 5
- 6
- 8
- 7
- 10
- 12

0K (0%)
1.67K (6.79%)
6.85K (27.97%)
15.72K (64.14%)

Number of Lisitings by Year

Reviews KPI

% of Reviews in Bangkok, Cape Town, Hong Kong, etc.

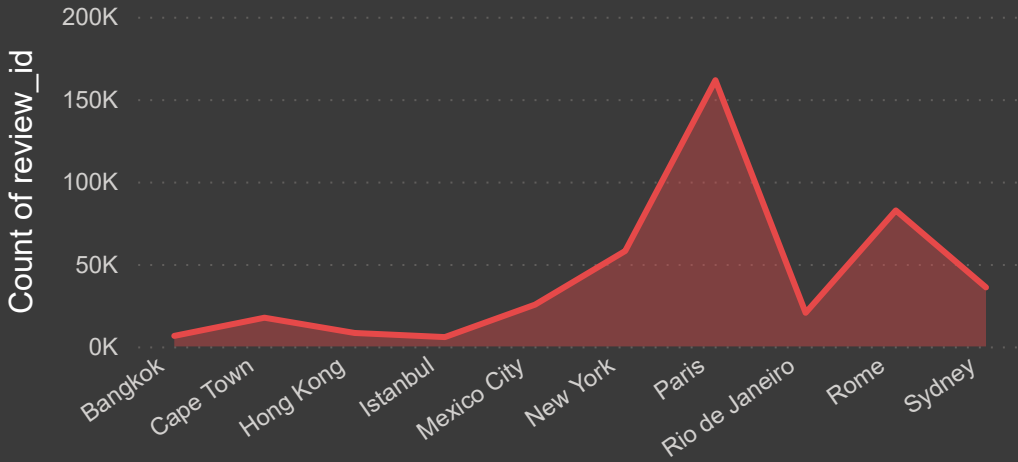## No. of Reviews based on all cities
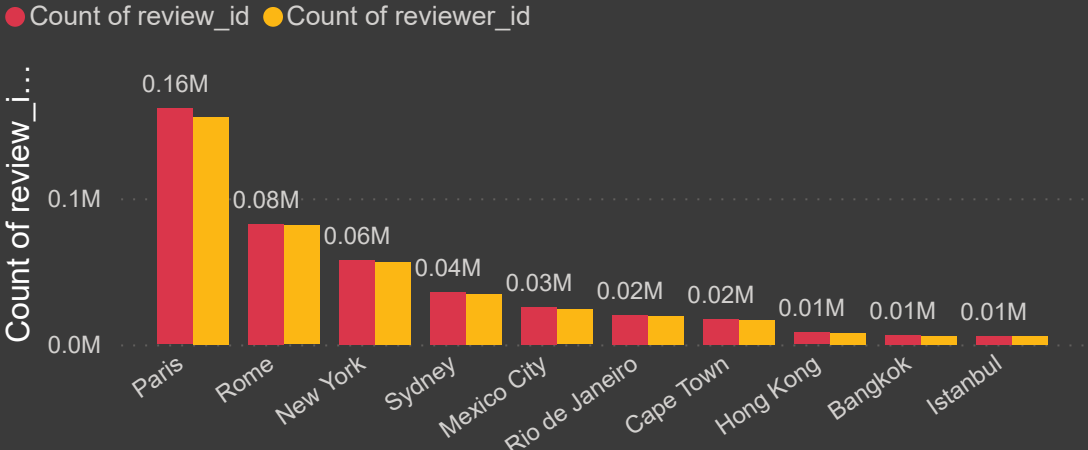
● Count of review_id ● Count of reviewer_id

City
- ☐ Select all
- ☐ (Blank)
- ☐ Bangkok
- ☐ Cape Town
- ☐ Hong Kong
- ☐ Istanbul
- ☐ Mexico City
- ☐ New York
- ☐ Paris
- ☐ Rio de Janeiro

Count of review_id axis: 200K, 150K, 100K, 50K, 0K

city axis: Bangkok, Cape Town, Hong Kong, Istanbul, Mexico City, New York, Paris, Rio de Janeiro, Rome, Sydney

Count of review_i... axis: 0.16M, 0.1M, 0.06M, 0.04M, 0.03M, 0.02M, 0.02M, 0.01M, 0.01M, 0.01M

Labels: 0.16M, 0.08M, 0.06M, 0.04M, 0.03M, 0.02M, 0.02M, 0.01M, 0.01M, 0.01M

city axis: Paris, Rome, New York, Sydney, Mexico City, Rio de Janeiro, Cape Town, Hong Kong, Bangkok, Istanbul
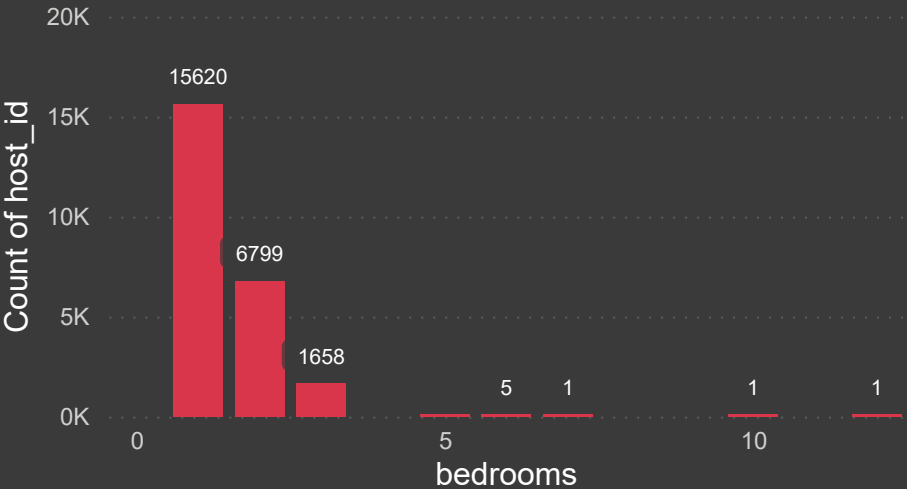
Review based on City and Price

District
- ☐ Select all
- ☐ (Blank)
- ☐ Bronx
- ☐ Brooklyn
- ☐ Manhattan
- ☐ Queens
- ☐ Staten Island

- ☐ Select all
- ☐ (Blank)
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014

city	neighbourhood	Max of price	Count of review_id	Count of reviewer_id
			4951912	4136381
Bangkok	Bang Kapi	6000	259	253
Bangkok	Bang Khae	2445	2	2
Bangkok	Bang Khen	2571	33	31
Bangkok	Bang Kho laen	10000	134	133
Bangkok	Bang Khun thain	850	1	1
Bangkok	Bang Na	3200	166	162
Bangkok	Bang Phlat	1899	8	8
Bangkok	Bang Rak	15000	597	575
Bangkok	Bang Sue	7299	279	272
Bangkok	Bangkok Noi	6000		
Bangkok	Bangkok Yai	9124		
Bangkok	Bueng Kum	2154	1	1
Bangkok	Chatu Chak	5995	119	113
Bangkok	Chom Thong	4500	59	58
Bangkok	Din Daeng	46444	222	218
Bangkok	Don Mueang	2342	23	23
Total		**54550**	**5372983**	**4450005**

Top 1)review count and review socore

● Count of review_id ● Max of review_scores_value

Count of review_id and Max... axis: 400, 200, 0

Bar labels (Count of review_id): 489, 474, 452, 436, 412, 401, 384, 380, 370, 364, 361, 354, 353, 351

Bar labels (Max of review_scores_value): 8, 10, 9, 10, 10, 10, 9, 10, 9, 10, 9, 9, 10

listing_id axis: 2272595, 21052296, 2348451, 8214264, 1253351, 1900636, 2701366, 1242756, 3221154, 11246705, 5567361, 498008, 5836709, 4836977
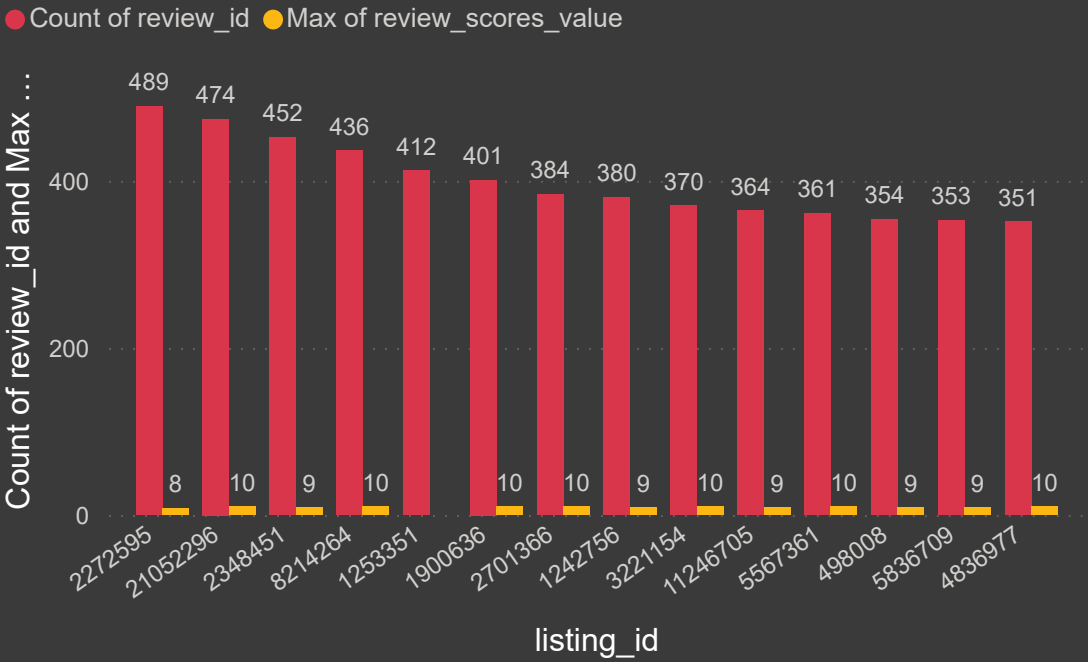
Hosts KPI

City
- [ ] Select all
- [ ] Bangkok
- [ ] Cape Town
- [ ] Hong Kong
- [ ] Istanbul
- [ ] Mexico City
- [ ] New York
- [ ] Paris
- [ ] Rio de Janeiro
- [ ] Rome

District
- [ ] Select all
- [ ] (Blank)
- [ ] Bronx
- [ ] Brooklyn
- [ ] Manhattan
- [ ] Queens
- [ ] Staten Island

- [▣] Select all
- [ ] (Blank)
- [✓] 1
- [✓] 2
- [✓] 3
- [ ] 4
- [✓] 5
- [✓] 6
- [✓] 7

% of BHK's

Count of host_id vs bedrooms

- 15620
- 6799
- 1658
- 5
- 1
- 1
- 1

Count of Hosts in All Cities

Paris	New York	Rio de Ja...	Rome
11.39K	3.72K	1.78K	1.54K
	Sydney	Mexico City	Ca...
	2.93K	0.73K	0.66K
		Istanbul	
		0.71K	
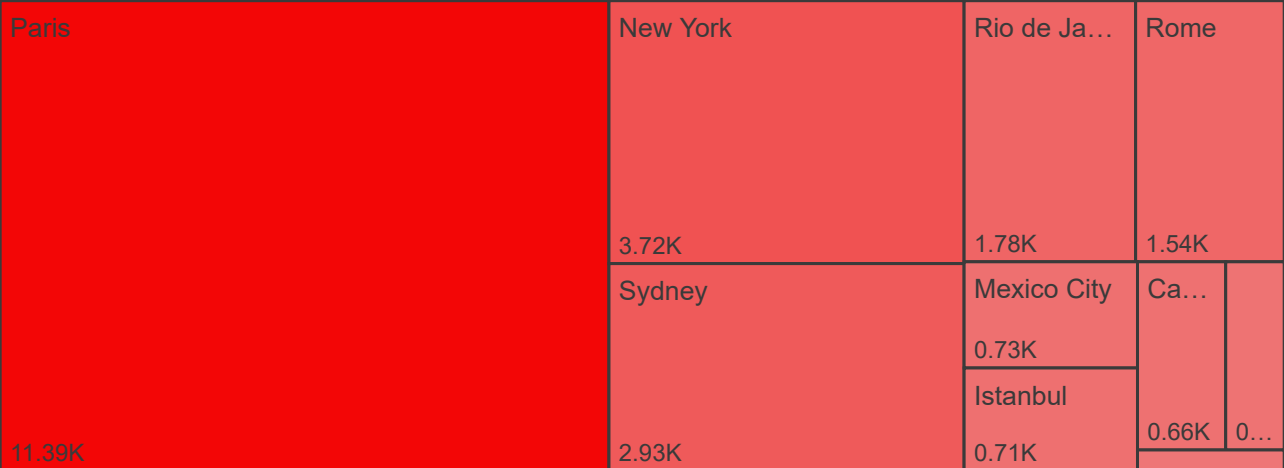
Count of host_id by instant_bookable

instant_bookable ● f ● t

- 6.45K (26.83%)
- 17.60K (73.17%)
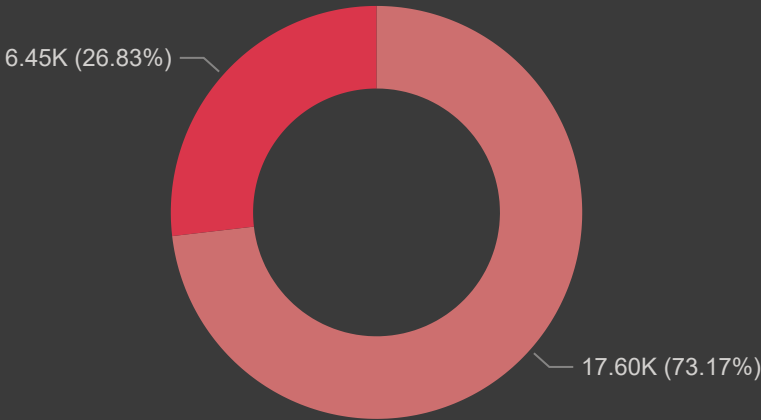
Count of host_id by host_is_superhost

- f: 22K
- t: 2K
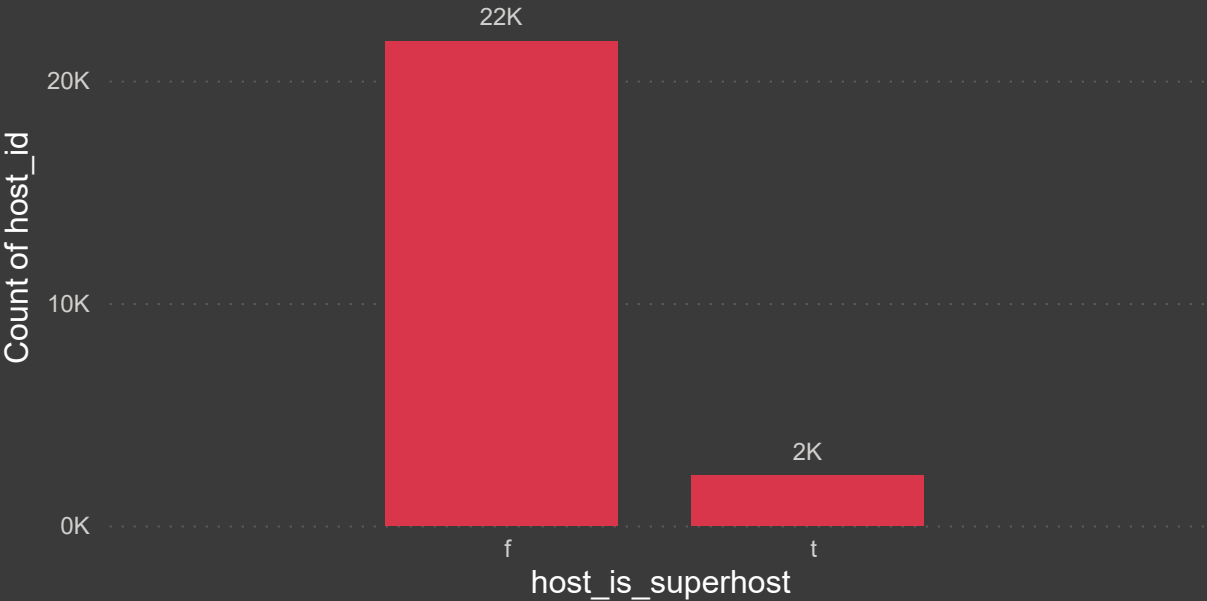
Map Viz

City

- [ ] Select all
- [ ] (Blank)
- [ ] Bangkok
- [ ] Cape Town
- [ ] Hong Kong
- [ ] Istanbul
- [ ] Mexico City
- [ ] New York
- [ ] Paris
- [ ] Rio de Janeiro
- [ ] Rome
- [ ] Sydney

District

- [ ] Select all
- [ ] (Blank)
- [ ] Bronx
- [ ] Brooklyn
- [ ] Manhattan
- [ ] Queens
- [ ] Staten Island

Average Price in All Cities

Paris - $95
Rome - $98
New York - $194
Mexico City - $1,421
Istanbul - $645
Hong Kong - $1,573
Bangkok - $2,067
Rio de Janeiro - $981
Cape Town - $1,292
Sydney - $187

No. of Listings in All Cities

Paris - 15,328
Rome - 1,684
New York - 4,668
Mexico City - 786
Istanbul - 810
Hong Kong - 179
Bangkok - 544
Rio de Janeiro - 2,000
Cape Town - 753
Sydney - 3,221

No. of Reviews in All Cities

Paris - 161,495
Rome - 82,492
New York - 57,913
Mexico City - 25,339
Istanbul - 5,663
Hong Kong - 8,159
Bangkok - 6,389
Rio de Janeiro - 20,391
Cape Town - 17,418
Sydney - 35,812
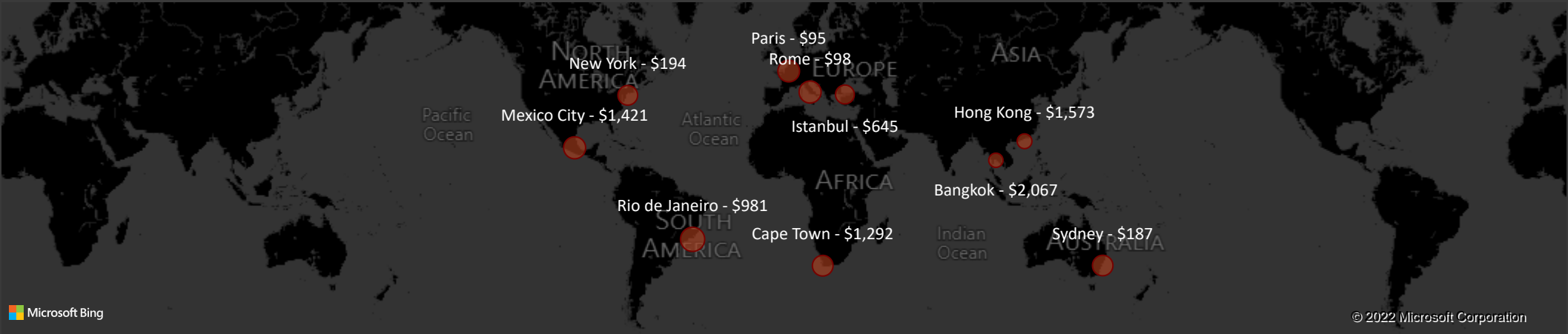
Visualization with Amenities Filter

amenities

All ▾
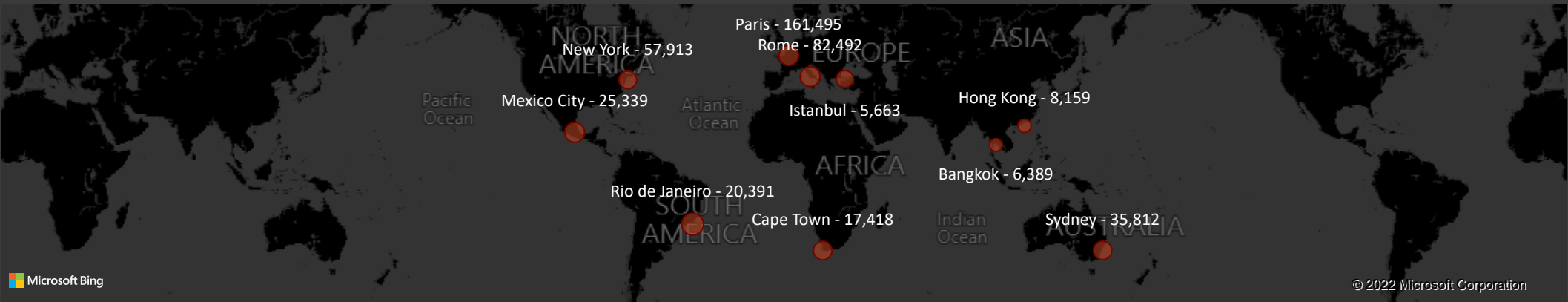
City

- ☐ Select all
- ☐ (Blank)
- ☐ Bangkok
- ☐ Cape Town
- ☐ Hong Kong
- ☐ Istanbul
- ☐ Mexico City
- ☐ New York
- ☐ Paris

District

- ☐ Select all
- ☐ (Blank)
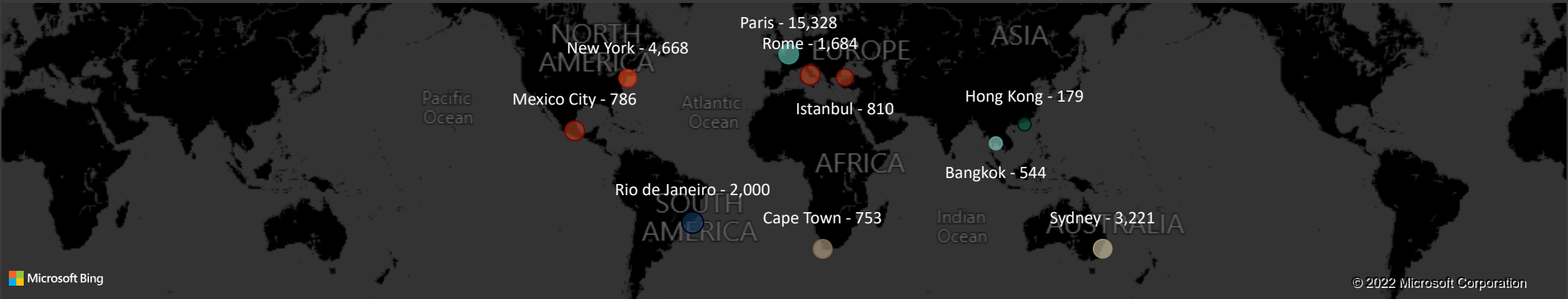- ☐ Bronx
- ☐ Brooklyn
- ☐ Manhattan
- ☐ Queens

- ☑ Select all
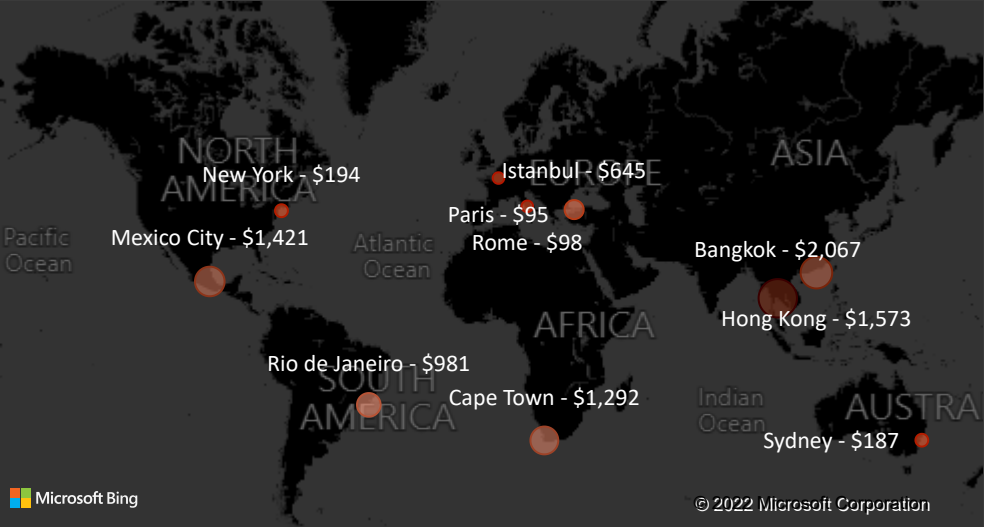- ☑ (Blank)
- ☑ 1
- ☑ 2
- ☑ 3
- ☑ 4

- ☐ Select all
- ☐ (Blank)
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011

Average Price in All Cities

New York - $194
Istanbul - $645
Paris - $95
Rome - $98
Mexico City - $1,421
Bangkok - $2,067
Hong Kong - $1,573
Rio de Janeiro - $981
Cape Town - $1,292
Sydney - $187

Microsoft Bing
© 2022 Microsoft Corporation

No. of listing and reviews based on review score

● listing id ● review id

listing id and review id

196198   206895

200K

150K

100K

50K

0K

74 101   2   4   45 60   18 49   252 987   1736 13324   7513   11043

review_scores_value

2   4   6   8   10
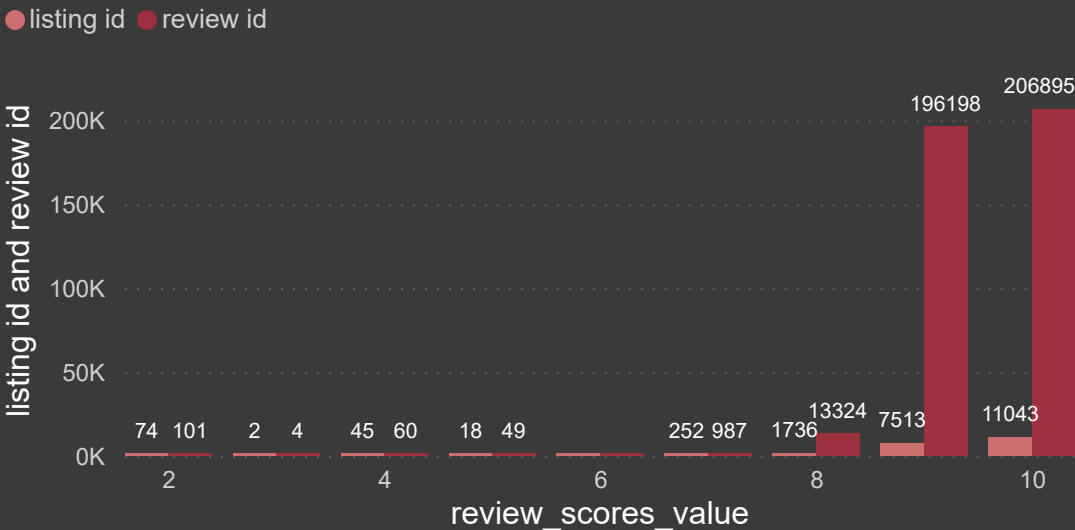
Count of reviews and rating per year

● Count of review_id ● review_scores_value

Count of review_id and ...

85520

80K   73326

71278

60K

49507   43563

40K   29294   41567   35741

31199   29287

21125

20K   29294   23928   15667   13512   13859

9874   12046

398 29   1098 226   2509 1013   4649   2373 4011   7 40

0K

2008   2010   2012   2014   2016   2018   2020   2022

Year