

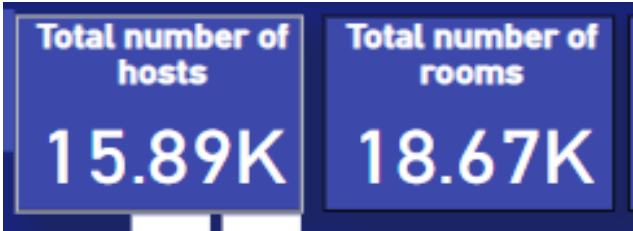
AirBnb Data Analysis

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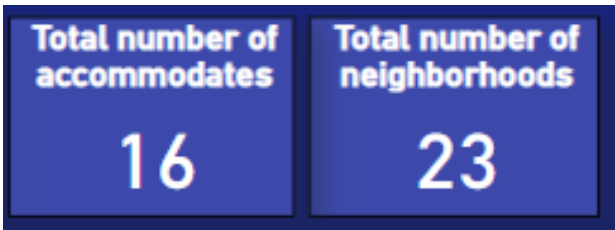
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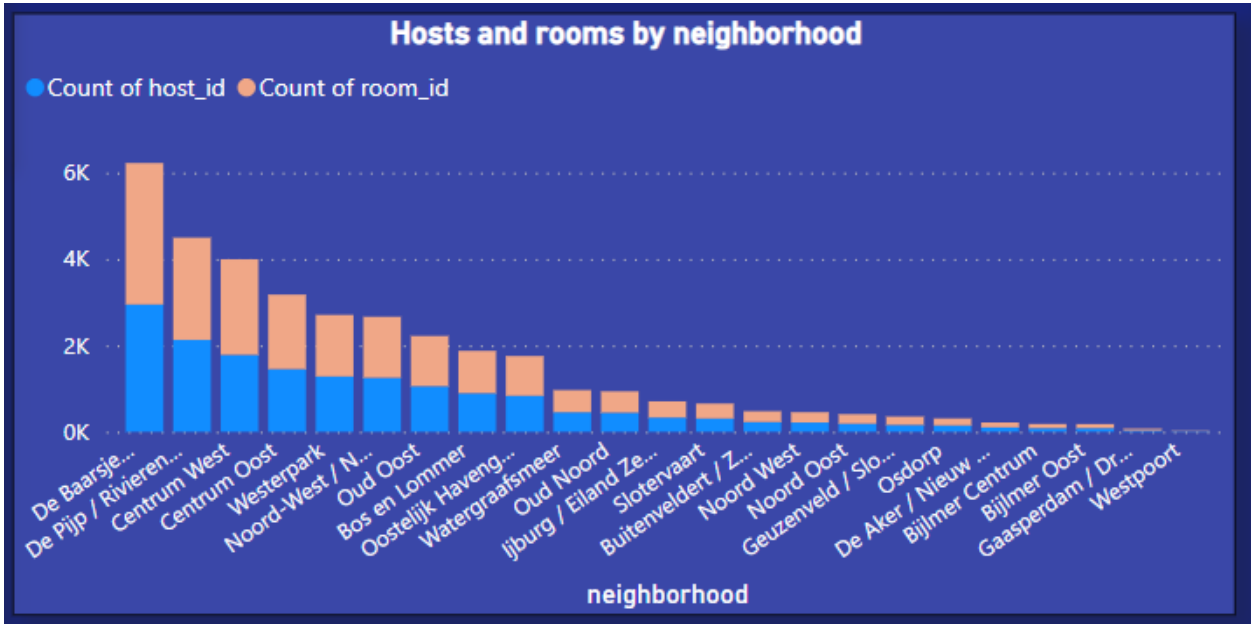
1. Total number of hosts Total number of rooms



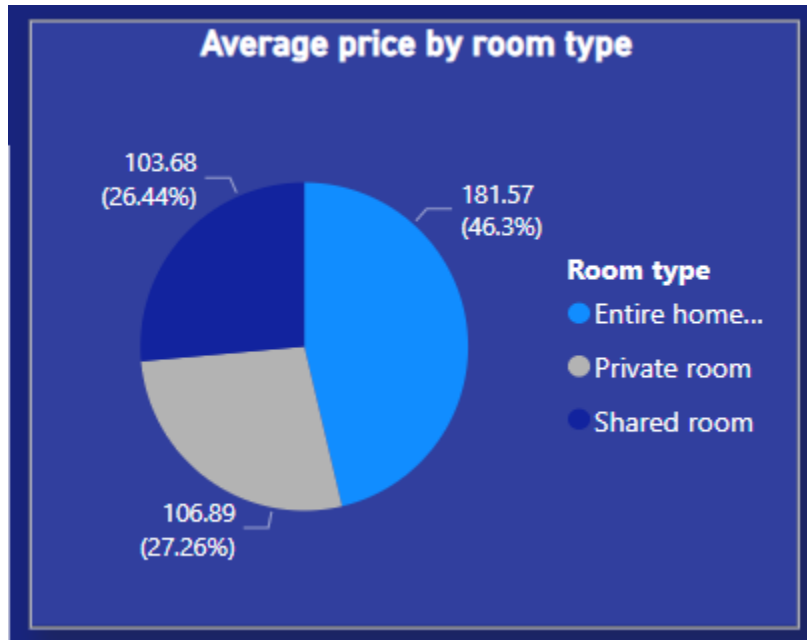
Total number of accommodates Total number of neighborhoods



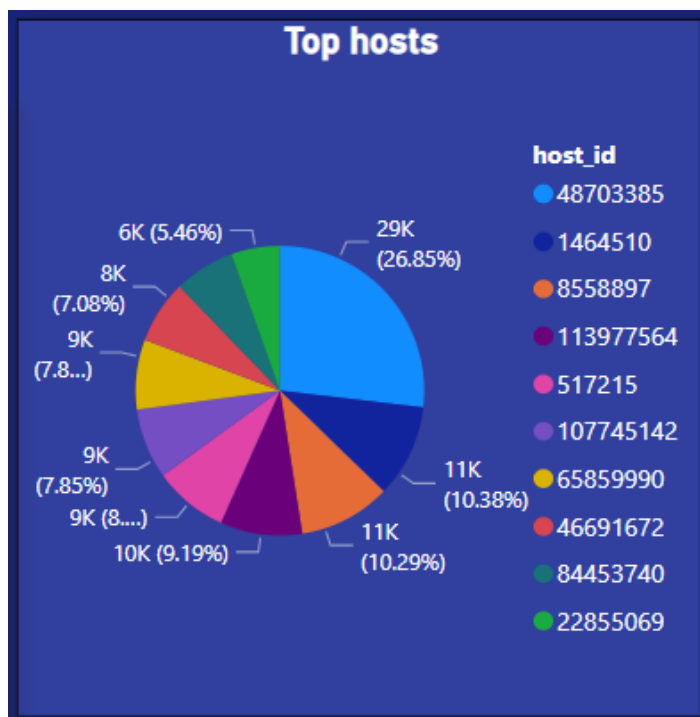
2. Total Rooms and Hosts in neighborhoods.



3. Average Price of each Room Type



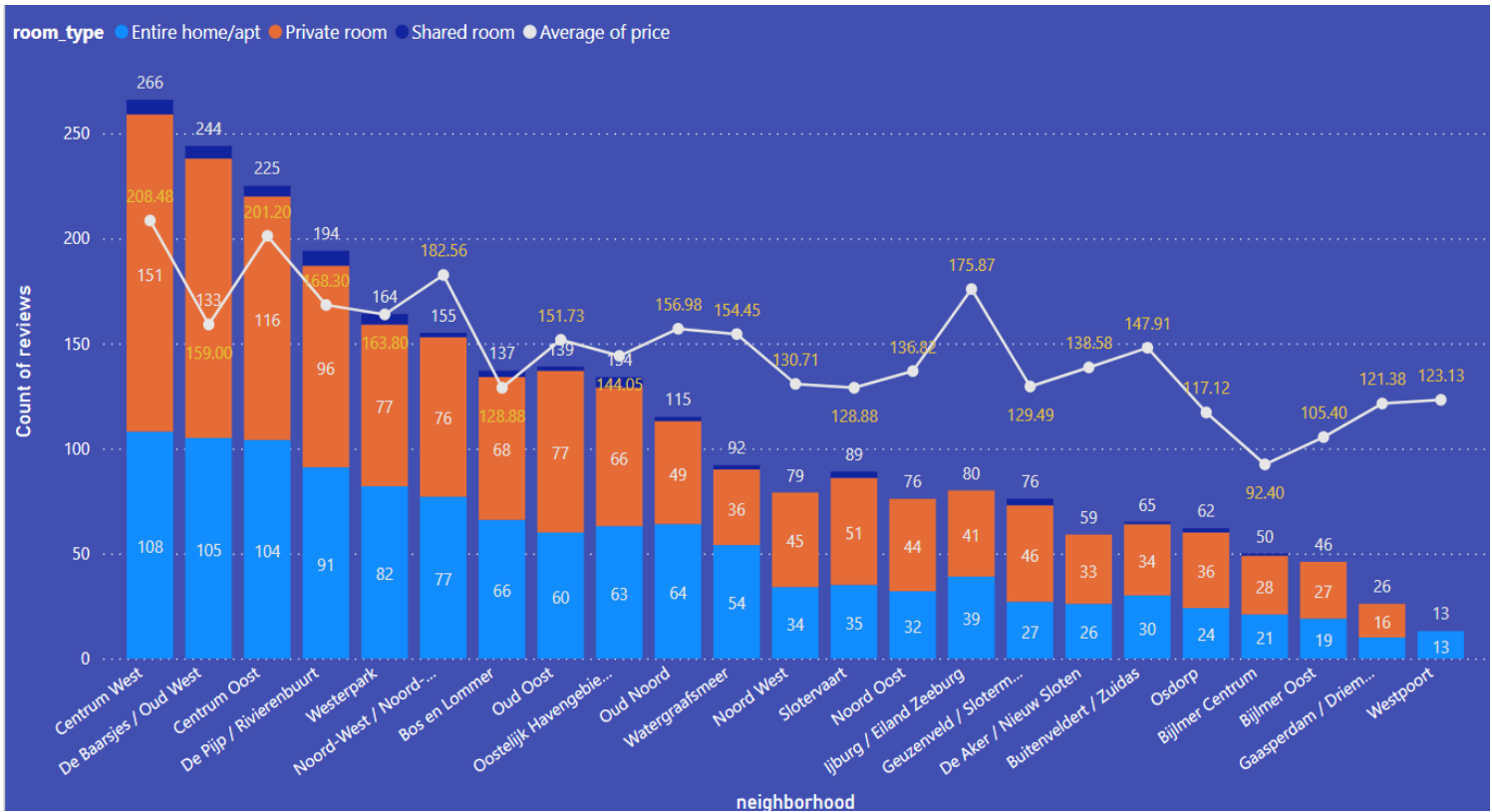
4. Top hosts



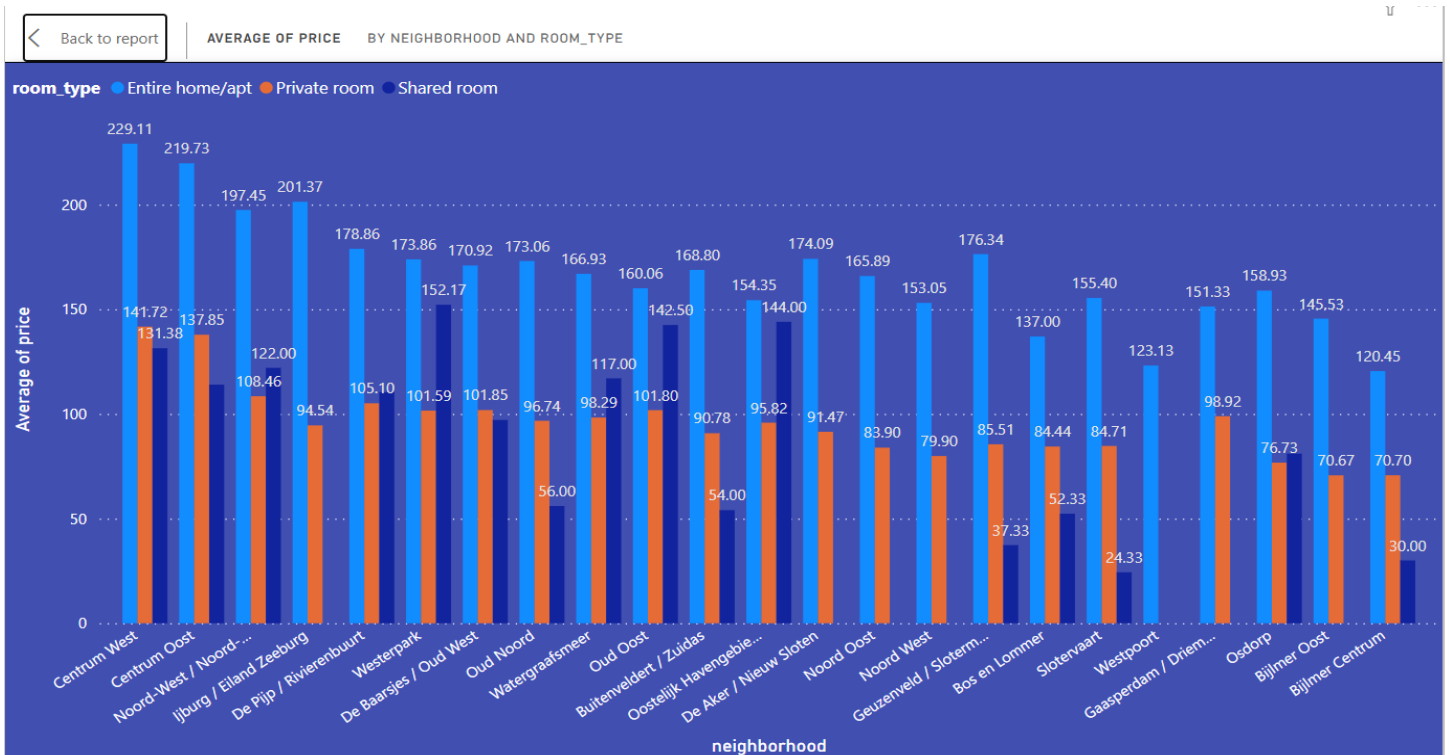
5. Comparison with the type of name, host id, price, room type, review, and average overall satisfaction.

| name | host_id | price | room_type | reviews | Average of overall_satisfaction |
|---|---------------|-------|--------------------|---------|------------------------------------|
| Apartment with sunny balcony | 7780586 | 119 | Entire home/apt | 25 | 5.00 |
| downtown app (105 sqm/950 sqft) | 11518012 | 132 | Entire home/apt | 9 | 5.00 |
| Mirjam's place 85,- apartment | 7493597 | 150 | Entire home/apt | 21 | 5.00 |
| Nice and well designed apartment | 5585057 | 107 | Private room | 151 | 5.00 |
| Sunny loft Amsterdam centre | 2714856 | 234 | Entire home/apt | 20 | 5.00 |
| !!! Historic centre - one bedroom + living !!! | 82112002 | 215 | Entire home/apt | 51 | 5.00 |
| !!! VERY FINE STAY NEAR MUSEUMS & PARC !!! | 2712718 | 288 | Entire home/apt | 59 | 5.00 |
| !Great apt+garden, edge citycentre! | 5136130 | 168 | Entire home/apt | 34 | 5.00 |
| "B&B Serendipity" Studio 22m2 in Plantage + bikes | 88479375 | 102 | Private room | 69 | 5.00 |
| "cosy & at home in Amsterdam" | 58901847 | 144 | Entire home/apt | 37 | 5.00 |
| "Loft of the Century" great design canalhouse appt | 11137628 0 | 474 | Entire home/apt | 7 | 5.00 |
| "Staying at a traditional sailing barge | 68214211 | 648 | Entire home/apt | 23 | 5.00 |
| "Superhost" and Free Breakfast | 8633479 | 339 | Entire home/apt | 57 | 5.00 |
| "The Library" canal area Amsterdam | 6098879 | 126 | Private room | 349 | 5.00 |
| "Tulips from Amsterdam" / Short Stay | 12203707 | 119 | Private | 13 | 5.00 |

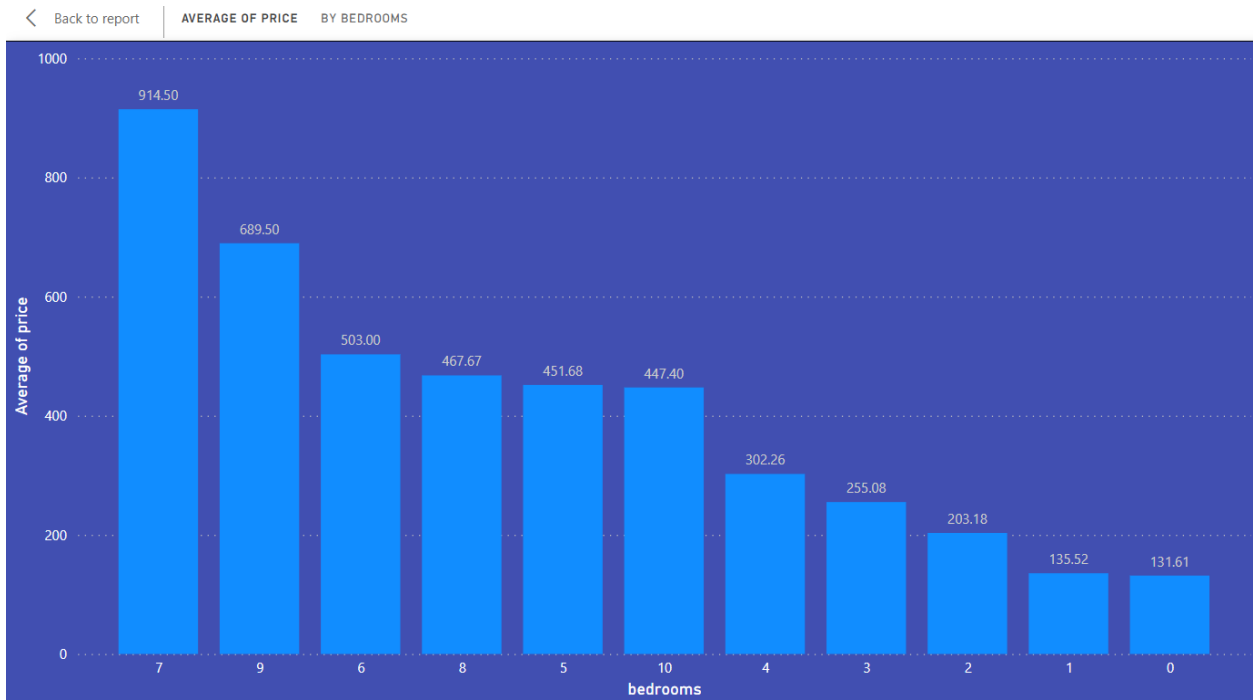
6. Reviews for the type of rooms with respect to the average price in the neighborhood.



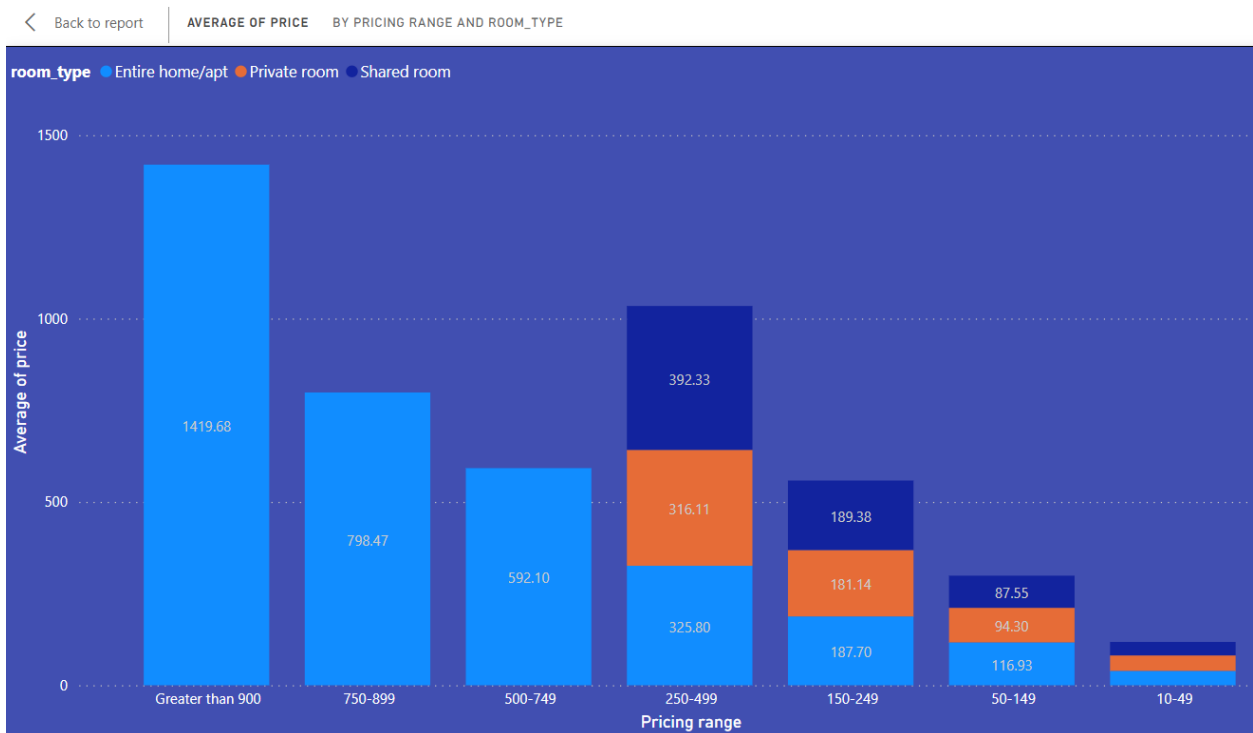
7. Top expensive Neighbourhoods.

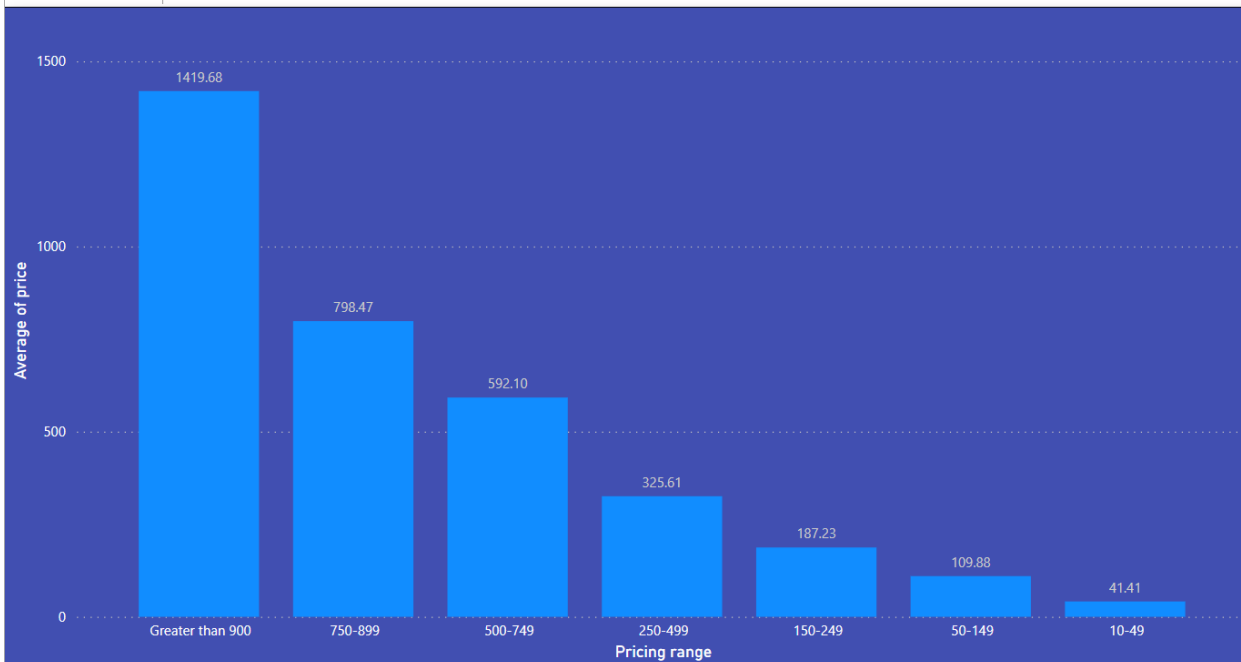


8. Average Price by bedroom count



9. Average price of room types in pricing range.





10. Comparison of neighborhood vs type of room, reviews, price, avg. overall satisfaction.

| neighborhood | room_type | reviews | price | Average of overall satisfaction |
|--|-----------------|---------|--------|---------------------------------|
| Buitenveldert / Zuidas | Shared room | 12 | 108 | 4.75 |
| Bos en Lommer | Shared room | 80 | 157 | 4.67 |
| Bijlmer Centrum | Shared room | 12 | 30 | 4.50 |
| Oud Noord | Shared room | 78 | 112 | 4.50 |
| Noord West | Private room | 3245 | 5833 | 4.16 |
| Gaasperdam / Driemond | Private room | 319 | 2374 | 3.92 |
| Centrum Oost | Private room | 16937 | 52795 | 3.81 |
| Bos en Lommer | Private room | 6143 | 12412 | 3.81 |
| Centrum West | Private room | 25008 | 72844 | 3.77 |
| Ijburg / Eiland Zeeburg | Private room | 2492 | 8509 | 3.61 |
| De Aker / Nieuw Sloten | Private room | 2284 | 4482 | 3.60 |
| Bijlmer Centrum | Private room | 1004 | 3818 | 3.53 |
| Westerpark | Entire home/apt | 15736 | 212982 | 3.53 |
| Westerpark | Private room | 7455 | 20014 | 3.51 |
| Oud Noord | Private room | 3034 | 9771 | 3.50 |
| Oud Oost | Private room | 5931 | 16899 | 3.50 |
| Buitenveldert / Zuidas | Private room | 1472 | 5810 | 3.48 |
| Bijlmer Oost | Private room | 932 | 3675 | 3.47 |
| Westpoort | Entire home/apt | 208 | 1847 | 3.47 |
| De Pijp / Rivierenbuurt | Private room | 12585 | 34998 | 3.45 |
| Centrum West | Entire home/apt | 26682 | 387887 | 3.44 |
| Oostelijk Havengebied / Indische Buurt | Private room | 5153 | 15427 | 3.42 |
| De Baarsjes / Oud West | Entire home/apt | 32313 | 463366 | 3.40 |
| Slotervaart | Private room | 3678 | 10589 | 3.38 |
| Noord-West / Noord-Midden | Private room | 6962 | 25489 | 3.37 |