Travel Data Analysis

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Wireframe Documentation

As per the problem statement, we have divided the analysis into different Sections.

1. The section is about the Location Analysis
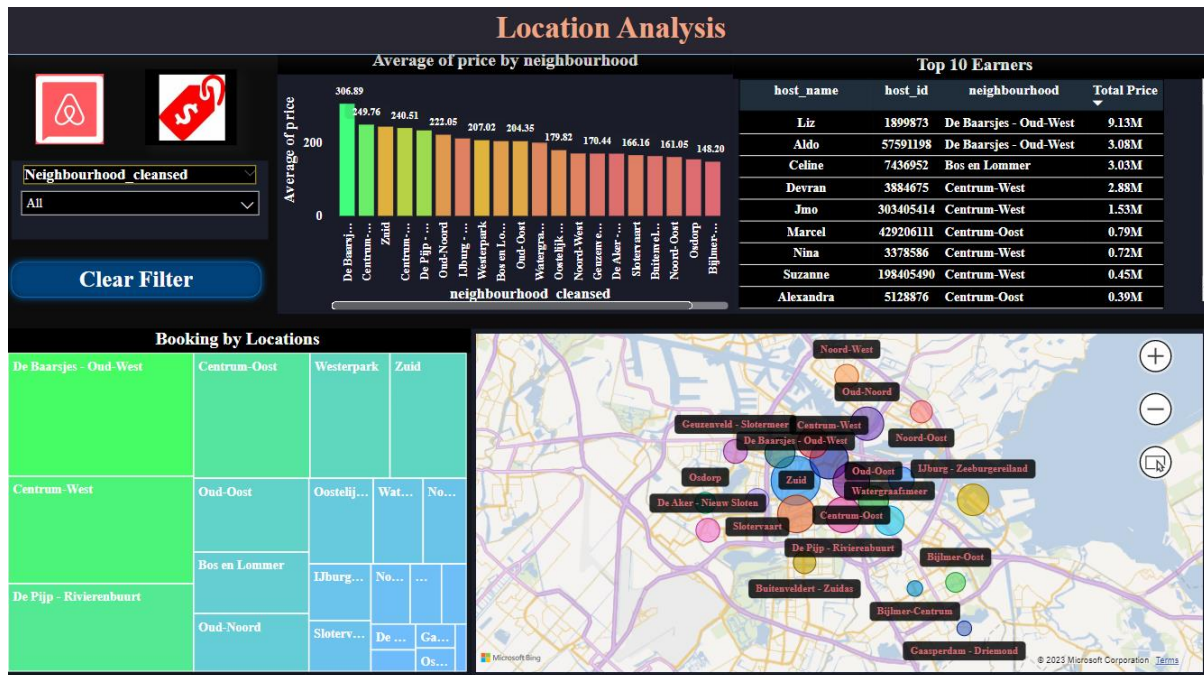
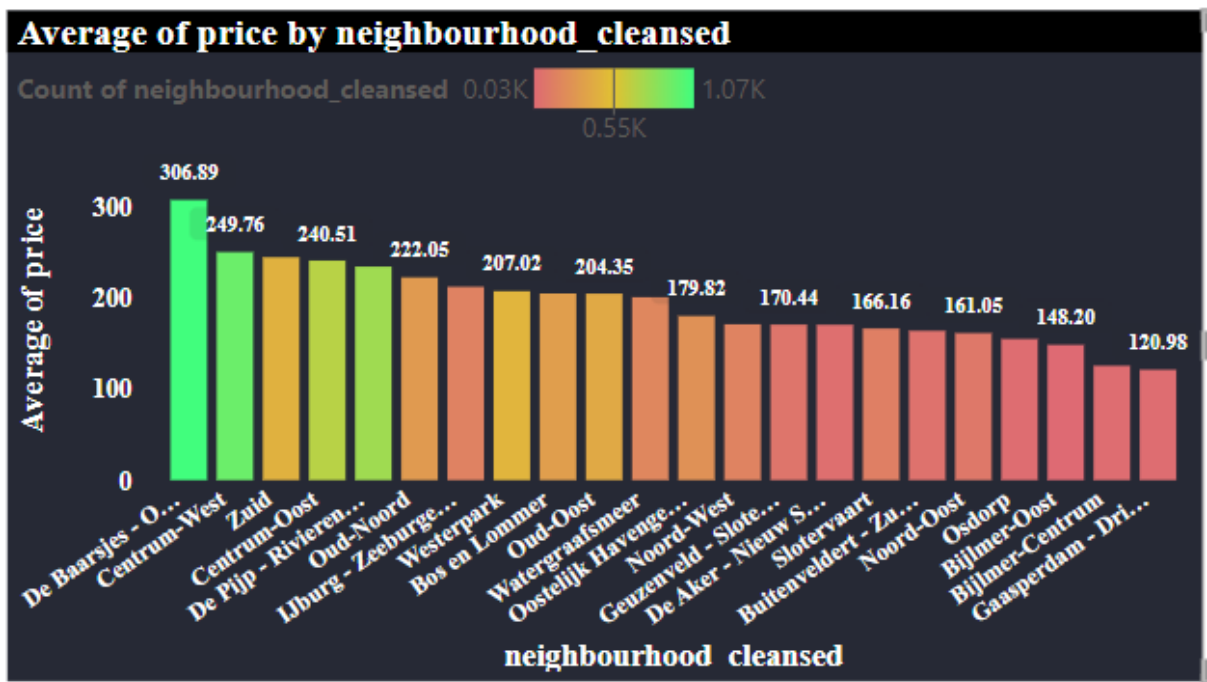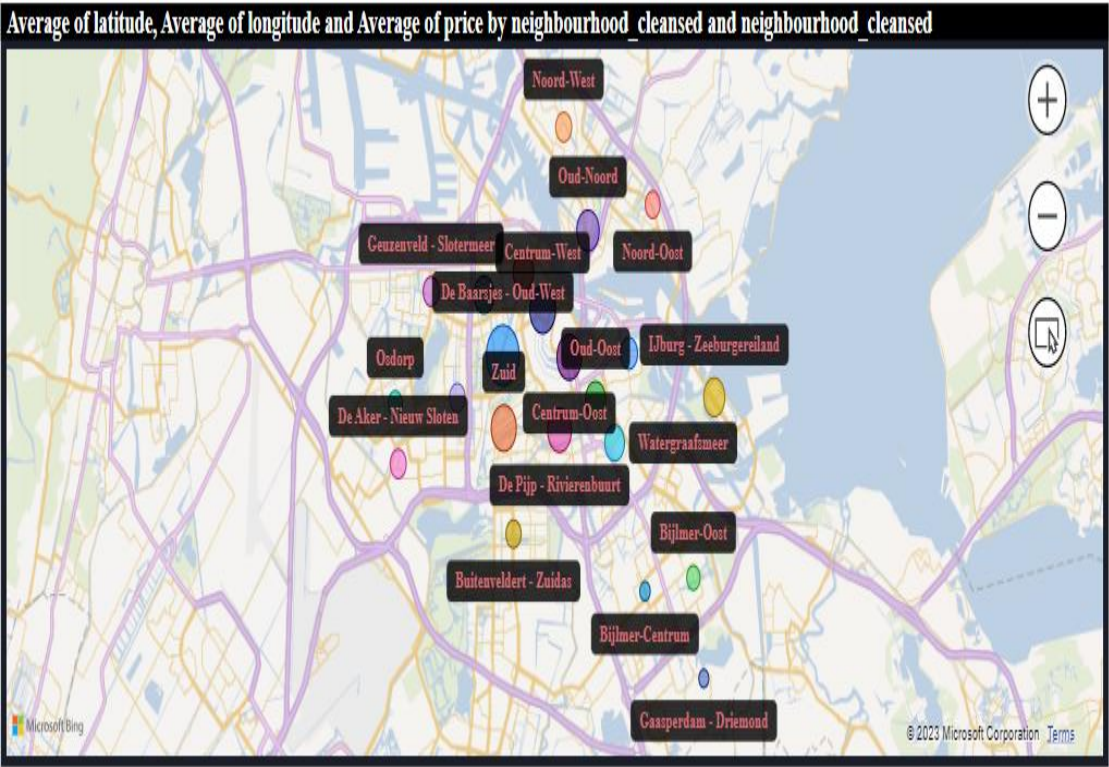

Top earners

host_name	host_id	neighbourhood	Total Price
Liz	1899873	De Baarsjes - Oud-West	9.13M
Aldo	57591198	De Baarsjes - Oud-West	3.08M
Celine	7436952	Bos en Lommer	3.03M
Devran	3884675	Centrum-West	2.88M
Jmo	303405414	Centrum-West	1.53M
Marcel	429206111	Centrum-Oost	0.79M
Nina	3378586	Centrum-West	0.72M
Suzanne	198405490	Centrum-West	0.45M
Alexandra	5128876	Centrum-Oost	0.39M
Alexandra	5128876	Centrum-West	0.36M
Sweets	203731852	Centrum-Oost	0.32M
Suzanne	198405490	De Baarsjes - Oud-West	0.31M
Sweets	203731852	Westerpark	0.13M
Marcel	429206111	Centrum-West	0.11M
Sweets	203731852	De Baarsjes - Oud-West	0.09M
Sweets	203731852	Oud-Noord	0.09M
Sweets	203731852	Zuid	0.05M
Sweets	203731852	Centrum-West	0.04M
Sweets	203731852	De Pijp - Rivierenbuurt	0.03M
Sweets	203731852	IJburg - Zeeburgereiland	0.03M
Sweets	203731852	Noord-Oost	0.03M
Sweets	203731852	Watergraafsmeer	0.03M

Wireframe Documentation

Location getting the maximum number of bookings
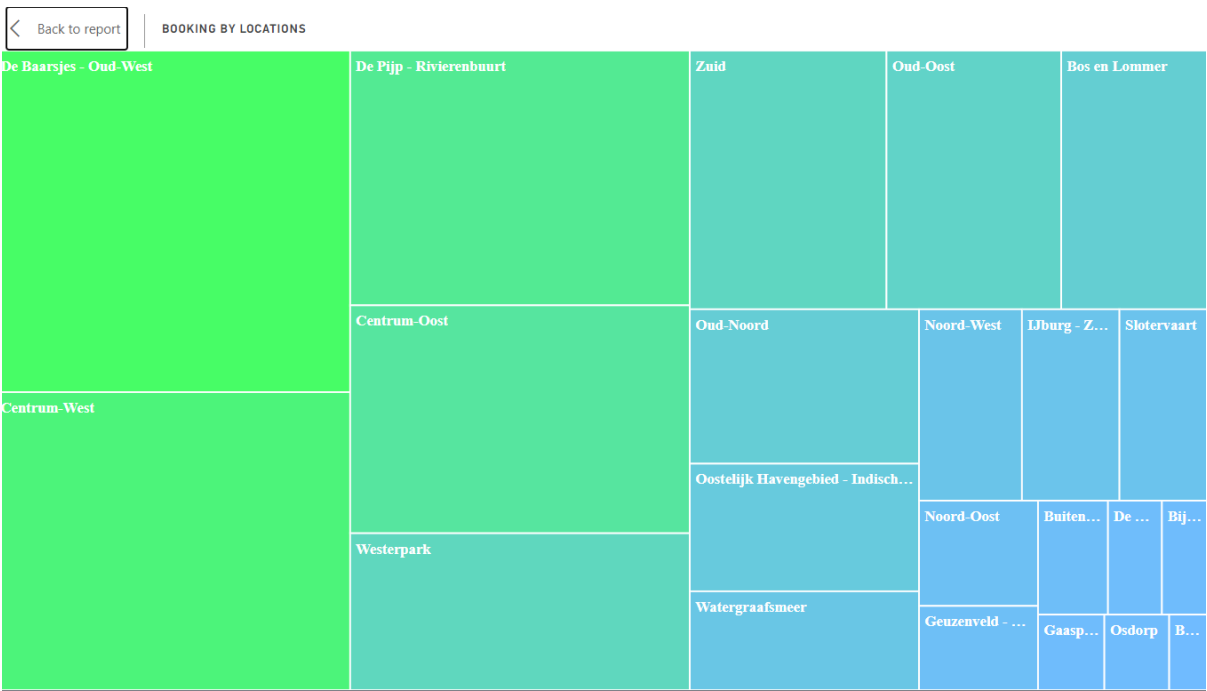
Price relation with respect to location

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Average of latitude, Average of longitude and Average of price by neighbourhood_cleansed and neighbourhood_cleansed

2.0 This section is about the Price Analysis.

Price Analysis
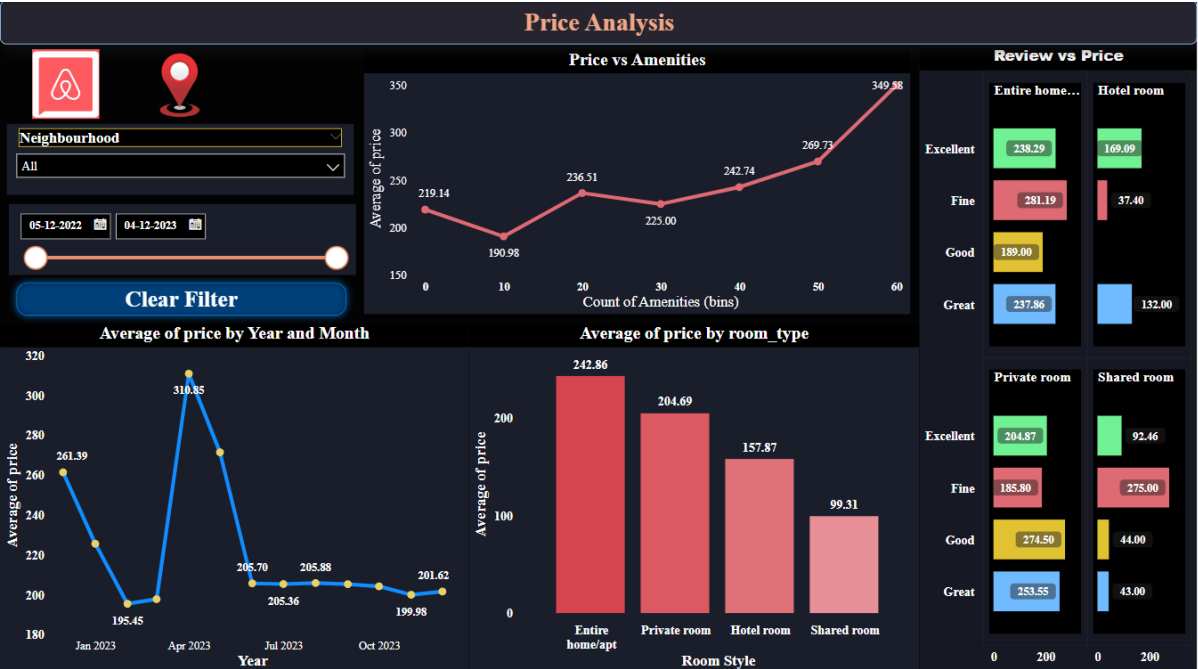
Relationship between Quality and Price

Wireframe Documentation
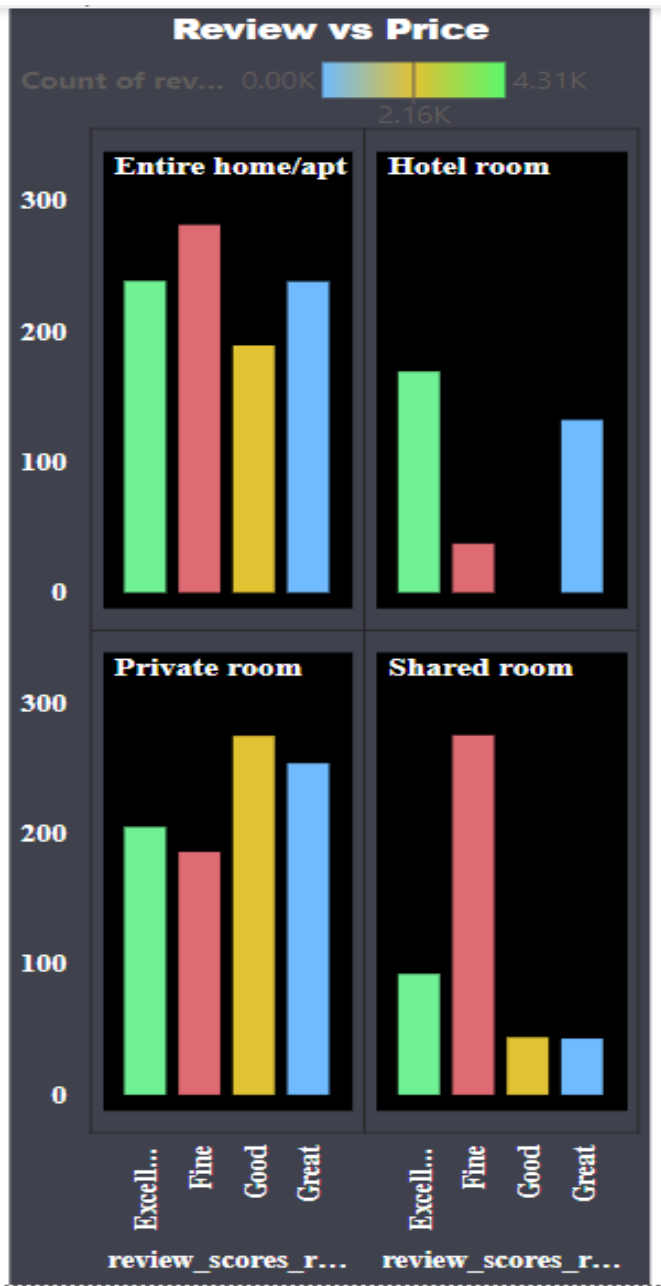
Price vs amenities

Average of price by Count of Amenities (bins)
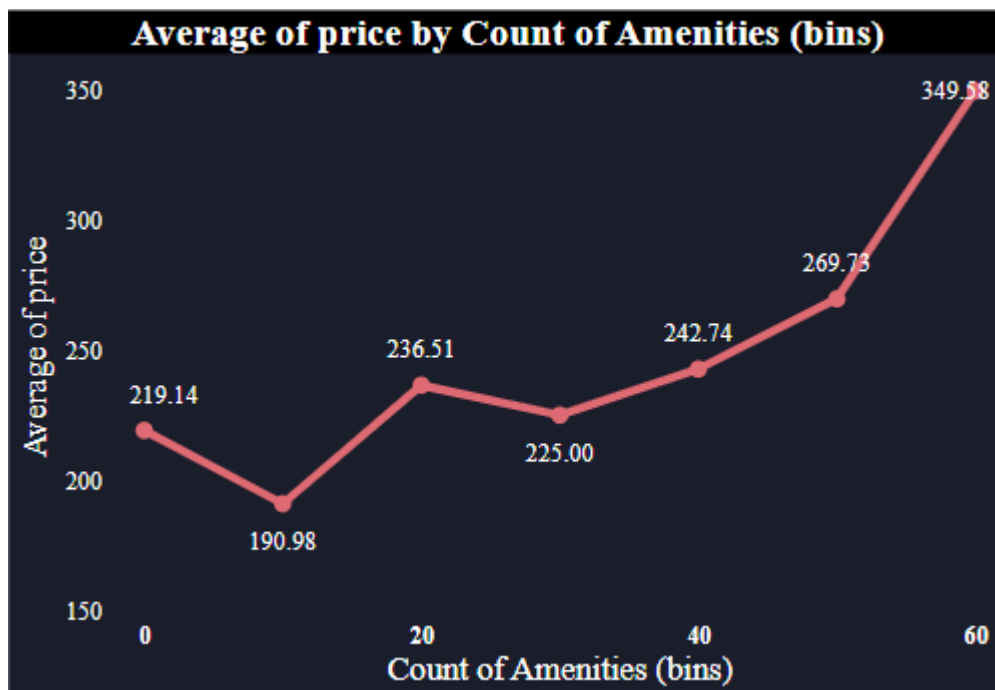
Average price by room type

Average of price by room_type

Wireframe Documentation

Average of price by year and month

Average of price by Year and Month — line chart showing Average of price on the y-axis (180 to 320) and Year on the x-axis (Jan 2023, Apr 2023, Jul 2023, Oct 2023). Data point labels: 261.39, 195.45, 310.85, 205.36, 205.88, 199.98, 201.62.