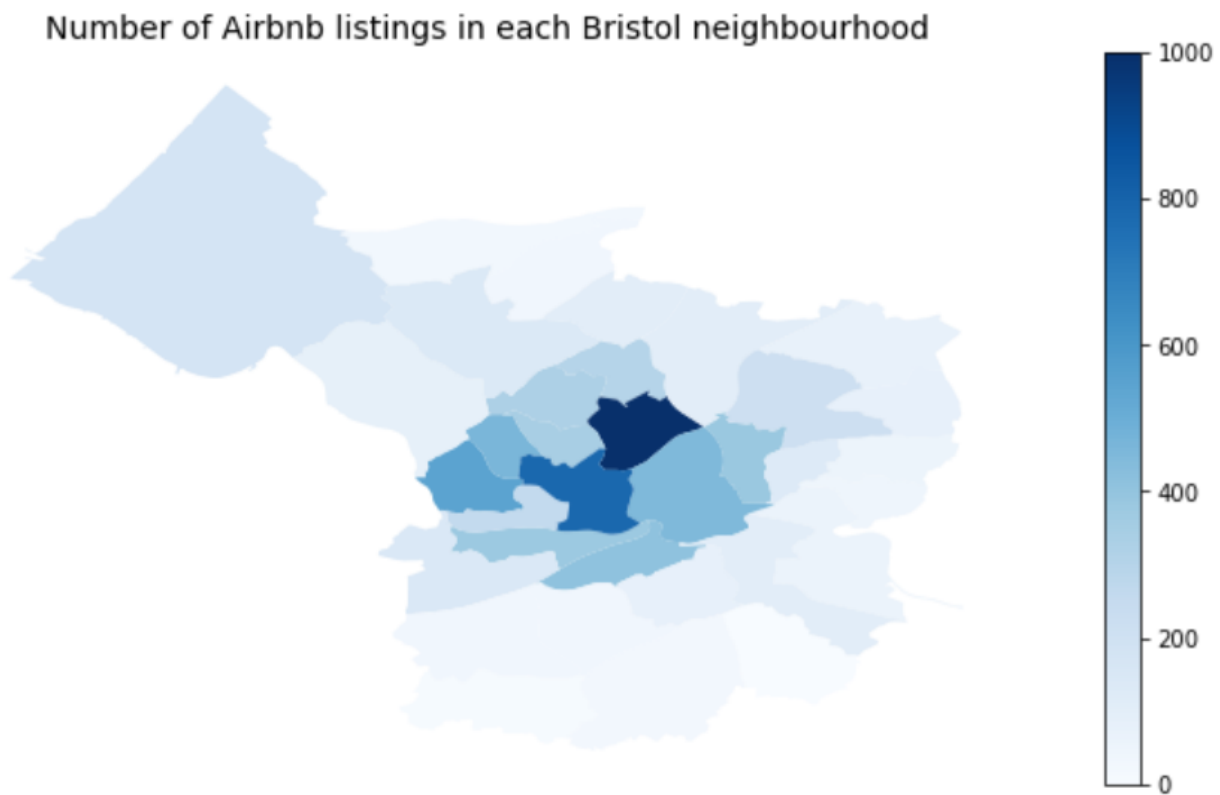
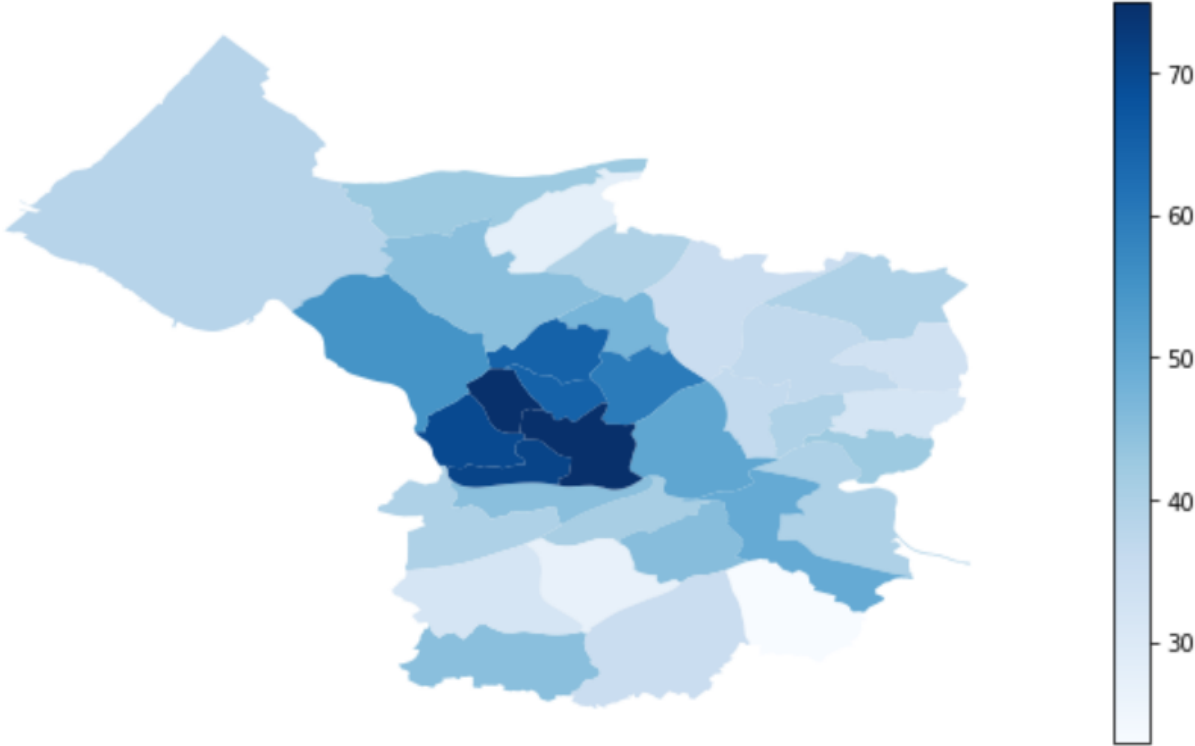


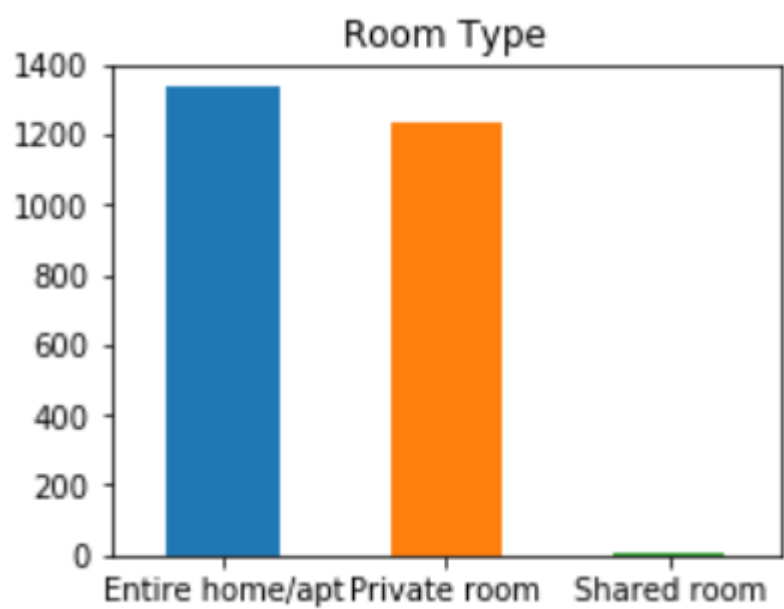
Neighborhood analysis for Airbnb listing in Bristol, United Kingdom



Median price of Airbnb listings in each Bristol neighbourhood



What are the most common property and room types?

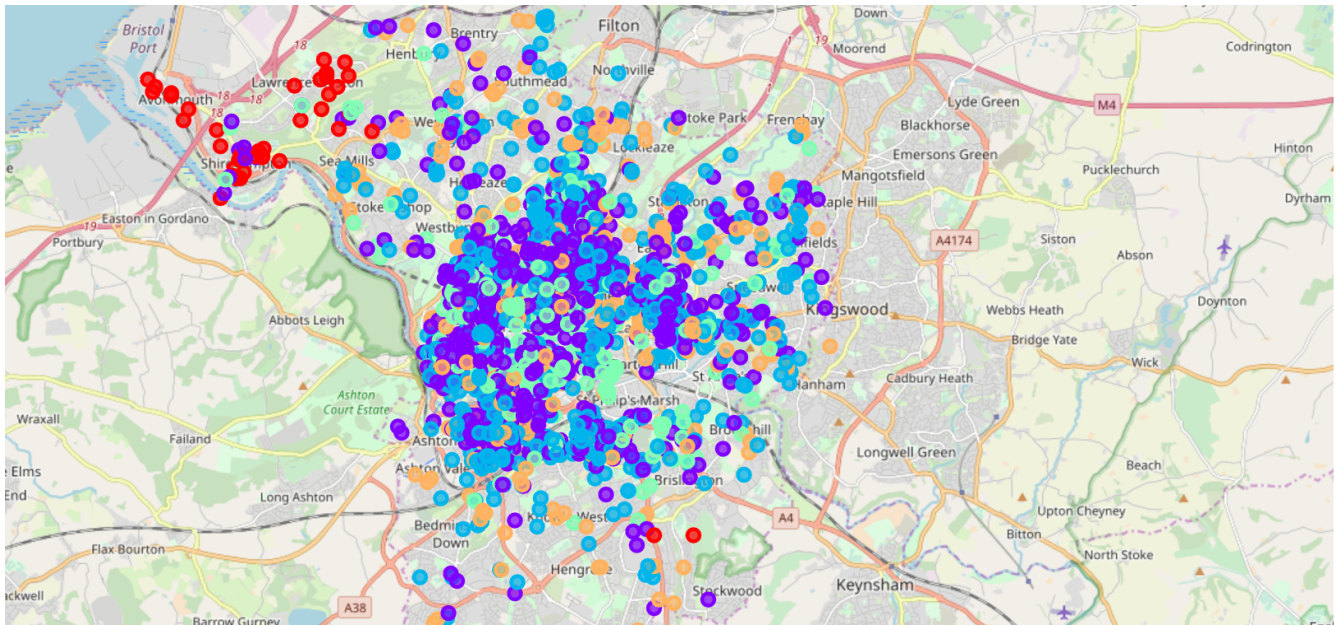


Most common venues in Bristol Neighborhood - Fetched using Foursquare API

	Neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
0	Ashley	Pub	Food & Drink Shop	Indian Restaurant	Food	Train Station	Grocery Store	Park	Mediterranean Restaurant	Dessert Shop	Electronics Store
1	Avonmouth & Lawrence Weston	Coffee Shop	Wine Shop	Convenience Store	Deli / Bodega	Dessert Shop	Electronics Store	English Restaurant	Falafel Restaurant	Fast Food Restaurant	Fish & Chips Shop
2	Bedminster	Soccer Stadium	Hardware Store	Electronics Store	Fast Food Restaurant	Supermarket	Wine Shop	Cosmetics Shop	Deli / Bodega	Dessert Shop	English Restaurant
3	Bishopston & Ashley Down	Pub	Café	Grocery Store	Fried Chicken Joint	Chinese Restaurant	Fish & Chips Shop	Middle Eastern Restaurant	Bakery	Coffee Shop	Food
4	Bishopsworth	Fast Food Restaurant	Grocery Store	Business Service	Bus Stop	Wine Shop	Food & Drink Shop	Dessert Shop	Electronics Store	English Restaurant	Falafel Restaurant

Result

After applying clustering on the data set, Airbnb listing is mapped on Bristol



Cluster Analysis

Cluster	Price	Room Type	Minimum Nights	Avg. yearly availability	Most common Venues
0	Low priced listings. Mostly below £40	All Private rooms	Mostly 1 night	162 days	Very few venues. Only Cafes are available.
1	Medium priced listings. Peaks nearly £100	Whole property	Mostly 2 nights	47 days	Most happening place with lots of pubs and parks
2	Low priced listings mostly less than £50	99% are private rooms	Mainly 1 night	42 days	Most happening place with lots of pubs and parks
3	Mix of pricings. Peak near £50. Many listings spotted above £100	Whole property	1 & 2 nights are equal	302 days	Lots of venues found. Eateries, parks and playgrounds.
4	Low priced listings mostly less than £50	99% are private rooms	Mostly 1 night. Also peaks in 2 nights	276 days	Lots of venues found. Pubs, Parks, Indian restaurants.