

# New Year's Eve Data Exploration

24-03-2023

## Summary statistics on the price of the cities for the listings dataset

##	city	min_price	mean_price	max_price
## 1:	Ams	20	208.9832	999
## 2:	London	7	139.4911	999
## 3:	Paris	8	143.2158	999
## 4:	Rome	9	122.0354	999

## Summary statistics for beds per city

##	city	min_beds	mean_beds	max_beds
## 1:	Ams	1	1.873474	33
## 2:	London	1	1.768026	45
## 3:	Paris	1	1.713131	90
## 4:	Rome	1	2.239769	24

## Airbnb listings availability per city between the 5th of December 2022 and the 4th of December 2023

##		Ams	London	Paris	Rome
##	available	575071	8090743	5704653	4923682
##	unavailable	1910214	18165561	14405032	3968817

## Number of rooms types per city

##		Ams	London	Paris	Rome
##	Entire home/apt	4910	43076	46785	16542
##	Hotel room	62	221	985	712
##	Private room	1798	28258	7048	6992
##	Shared room	39	383	286	137

## Room types in Amsterdam (%)

##		Hotel room	Private room	Shared room
##	Entire home/apt			
##	0.721104421	0.009105596	0.264062271	0.005727713

## Room types in London (%)

```
##
## Entire home/apt      Hotel room      Private room      Shared room
##      0.598793405      0.003072090      0.392810476      0.005324029
```

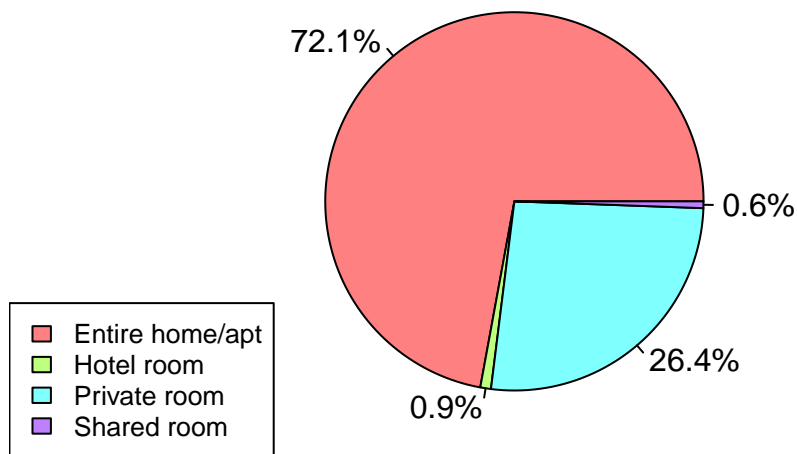
### Room types in Paris (%)

```
##
## Entire home/apt      Hotel room      Private room      Shared room
##      0.849030923      0.017875290      0.127903600      0.005190186
```

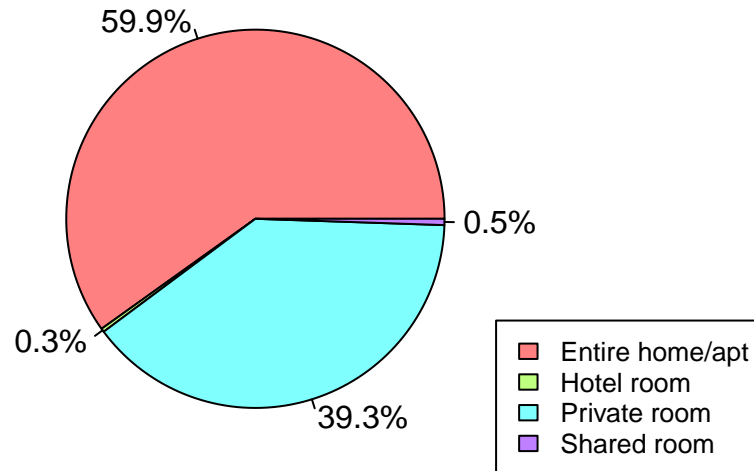
### Room types in Rome (%)

```
##
## Entire home/apt      Hotel room      Private room      Shared room
##      0.678423492      0.029200673      0.286757167      0.005618669
```

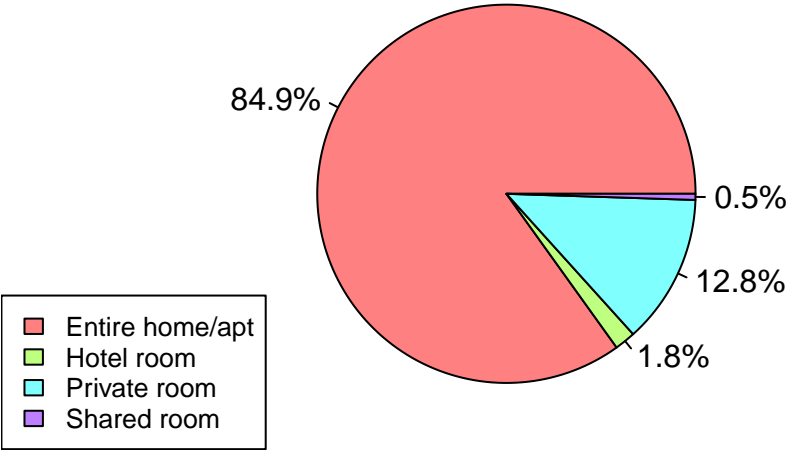
## Airbnb room types offered in Amsterdam



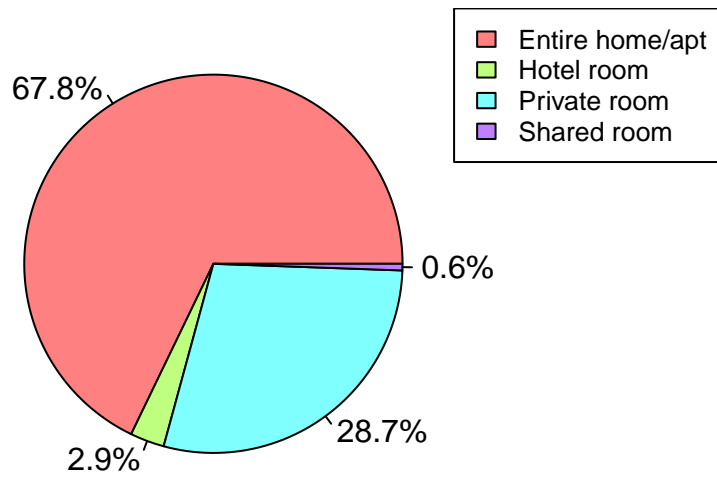
## Airbnb room types offered in London

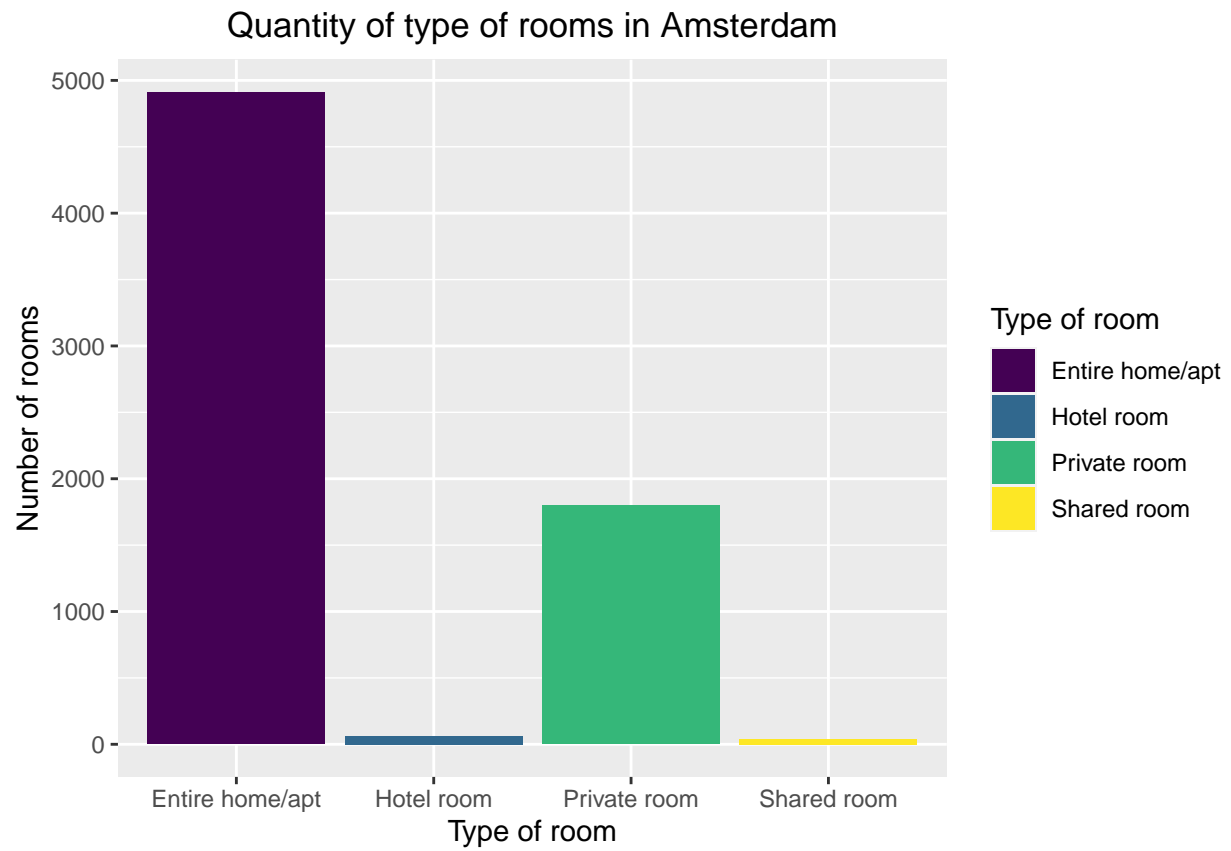


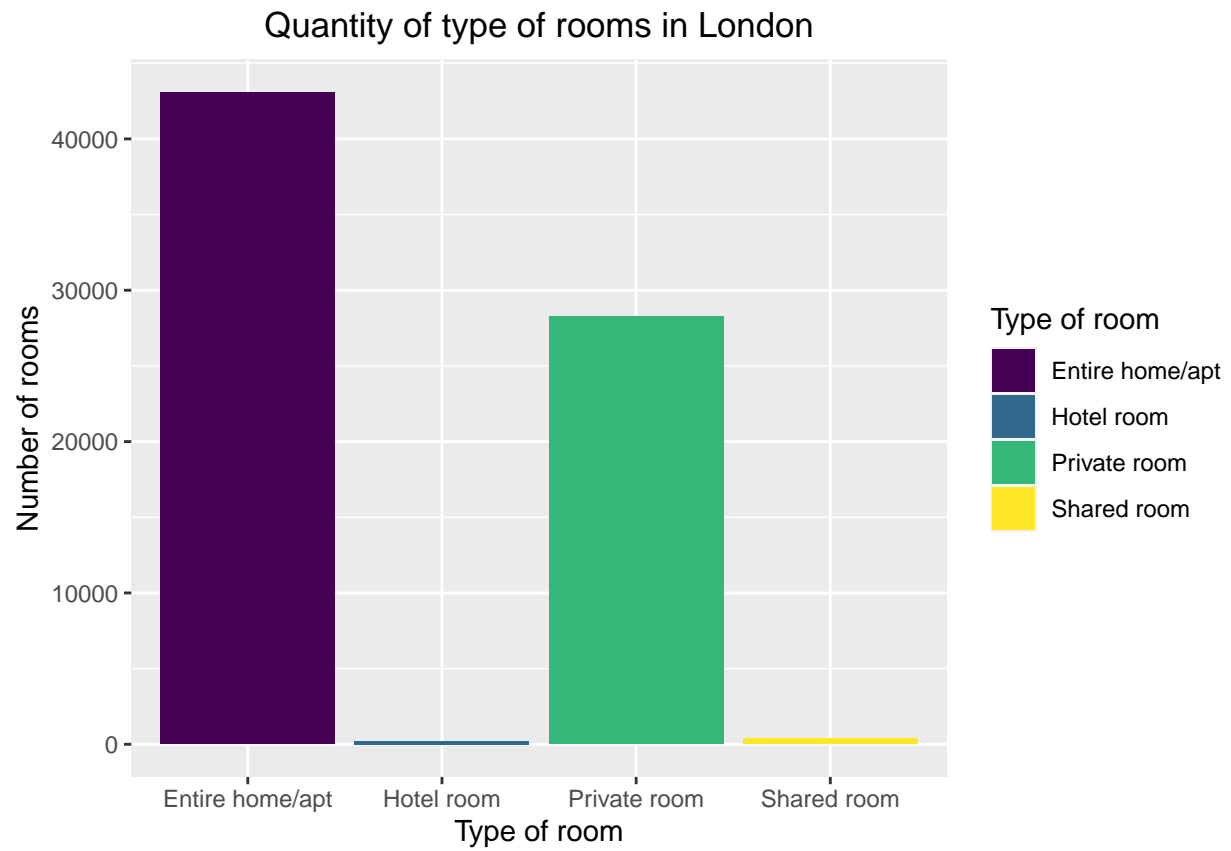
**Airbnb room types offered in Paris**

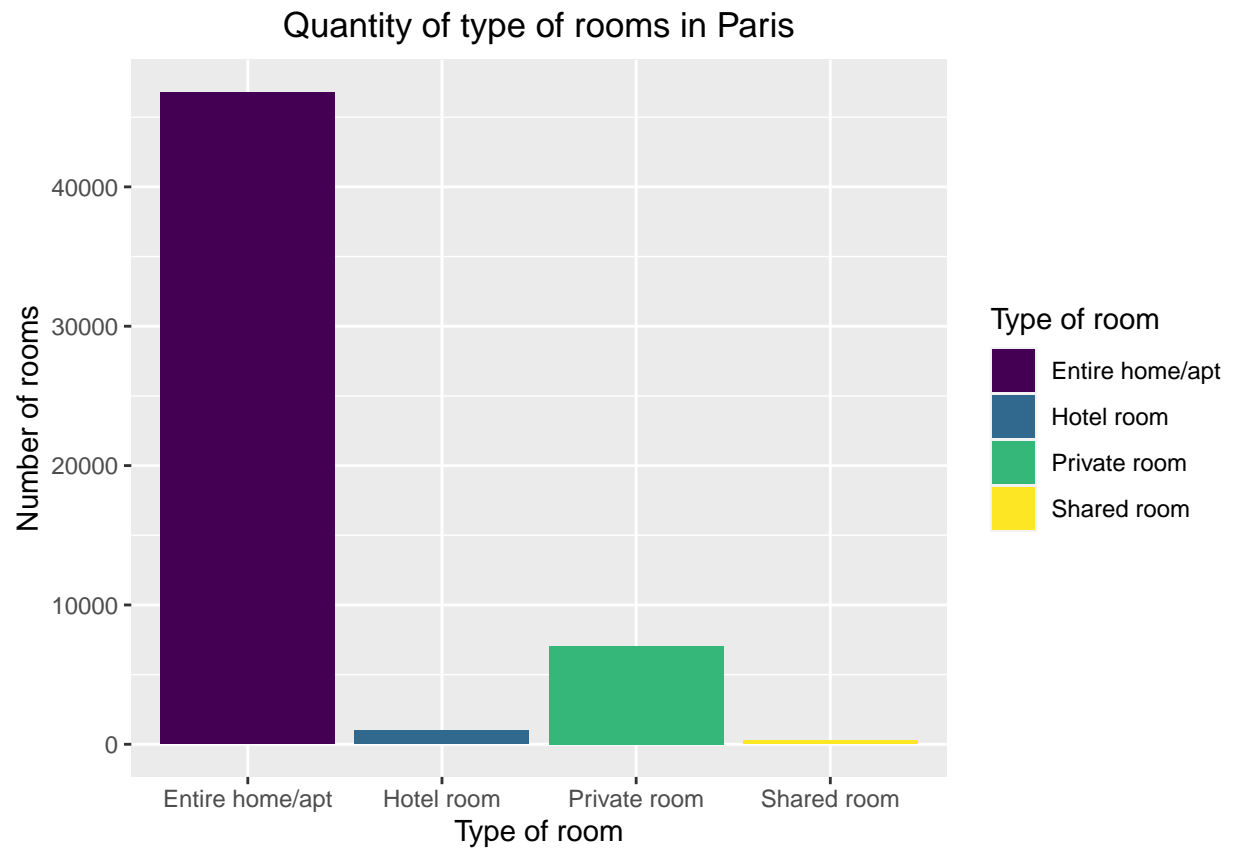


## Airbnb room types offered in Rome

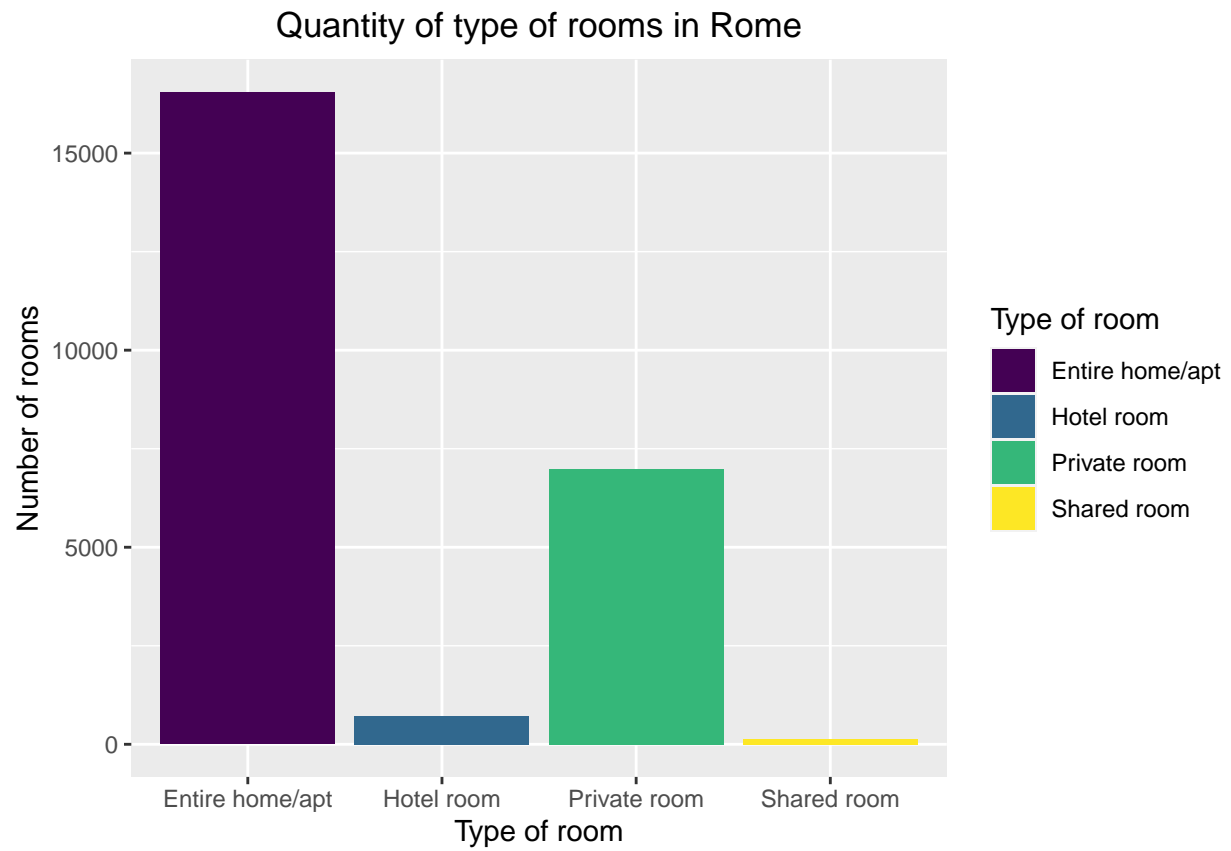


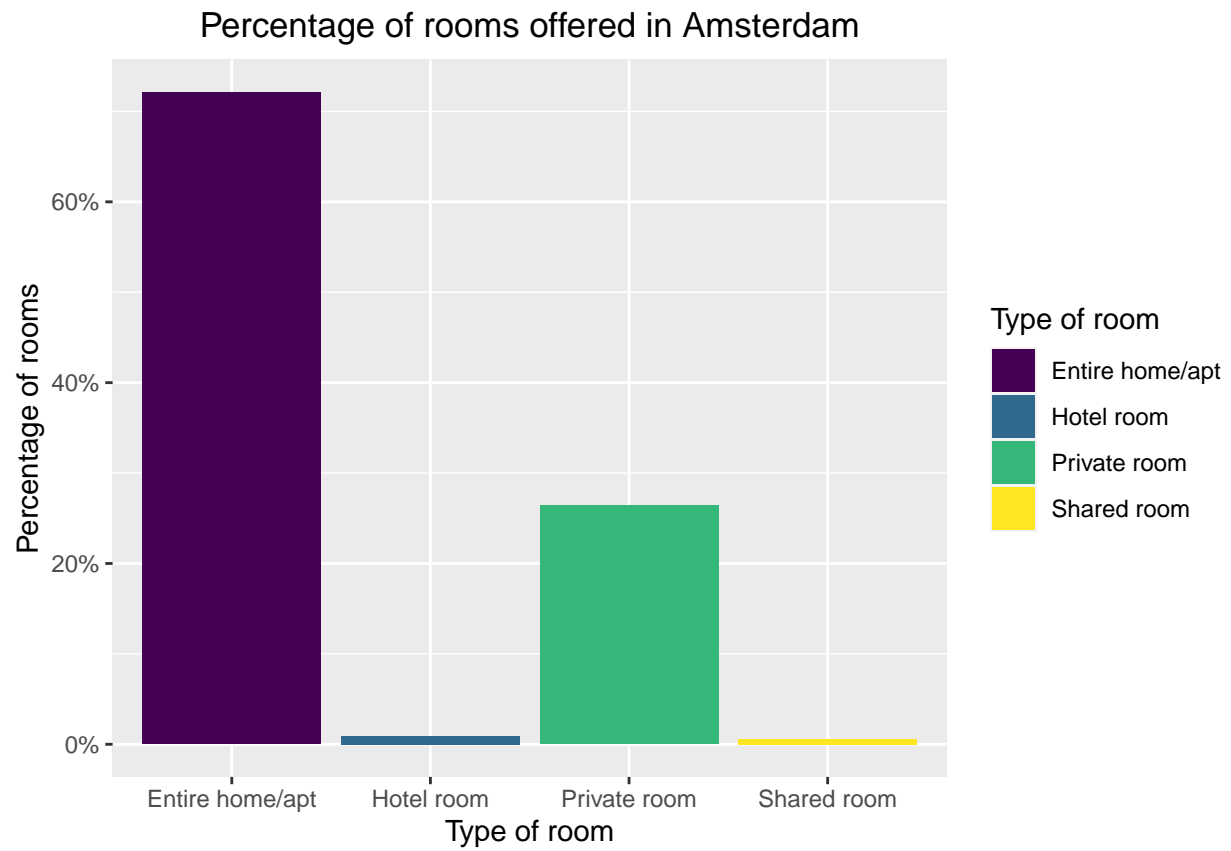


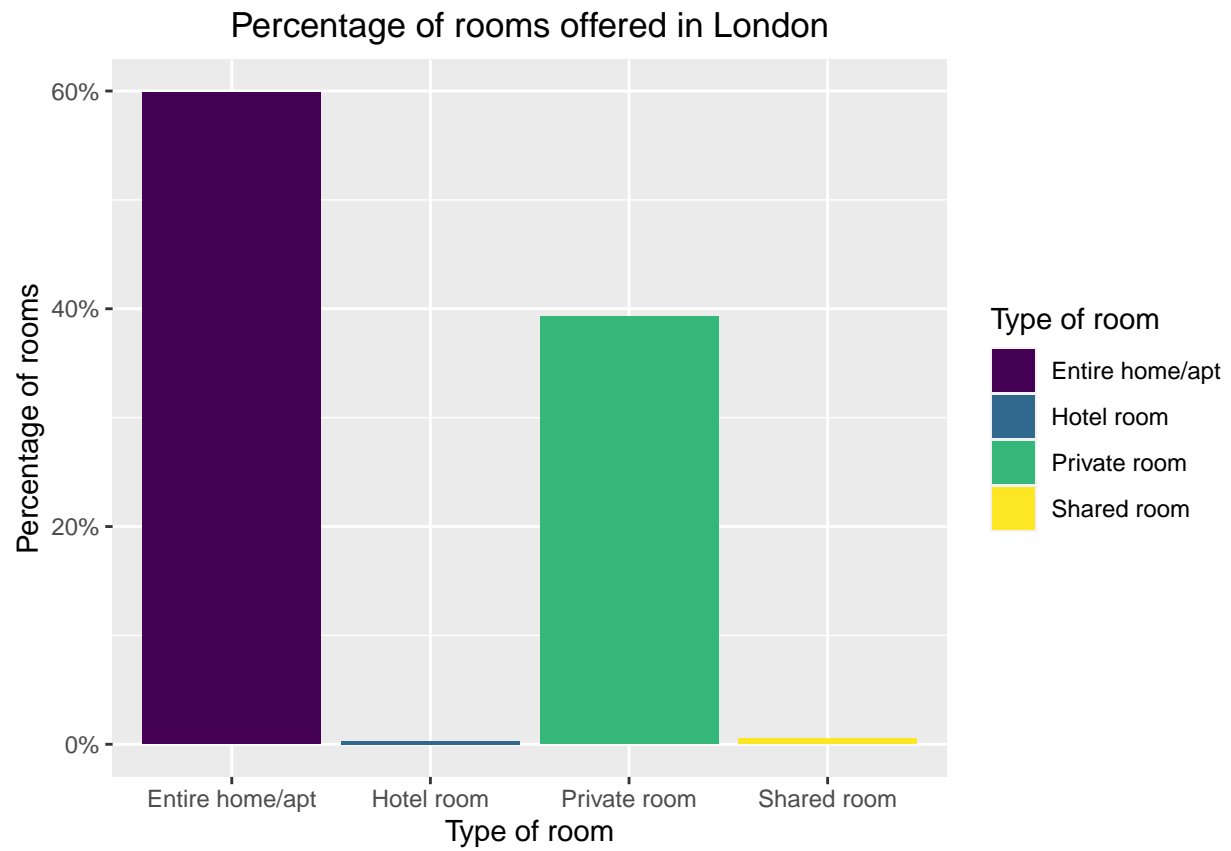


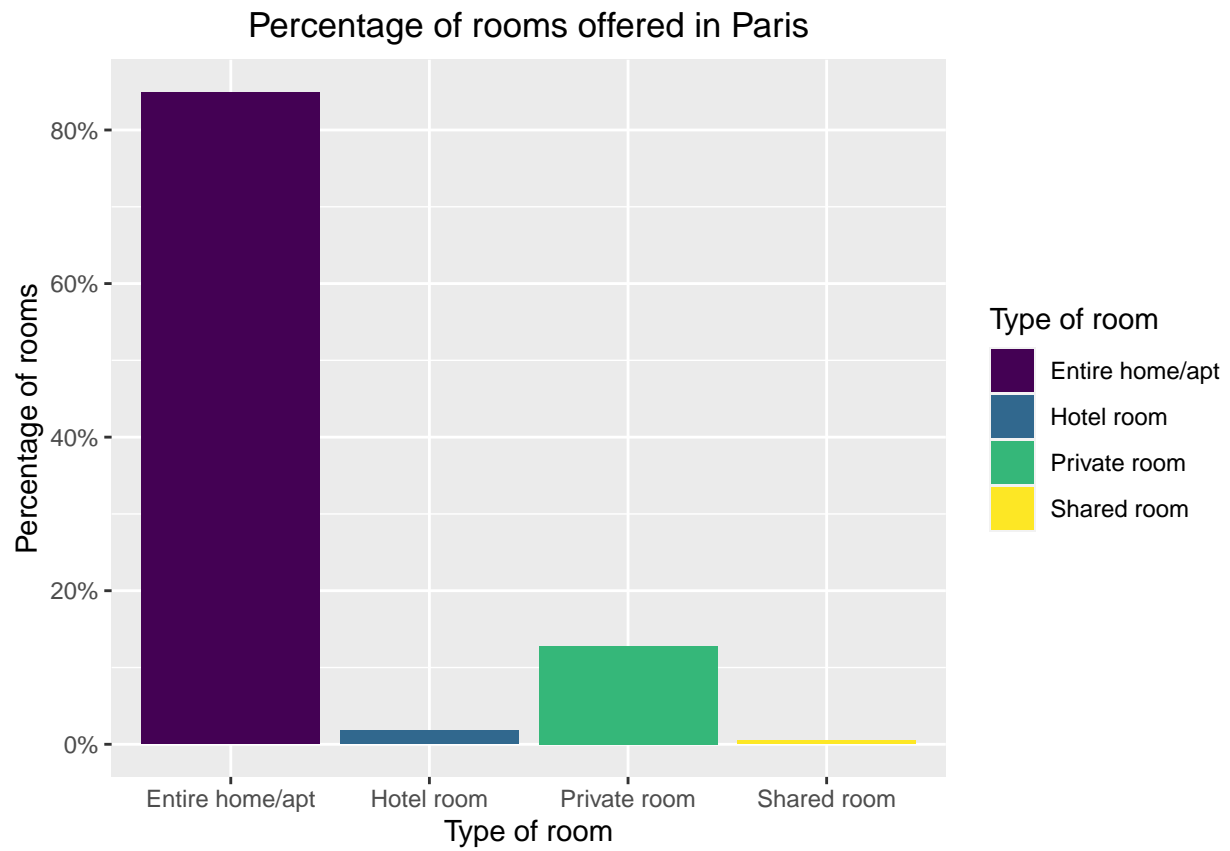


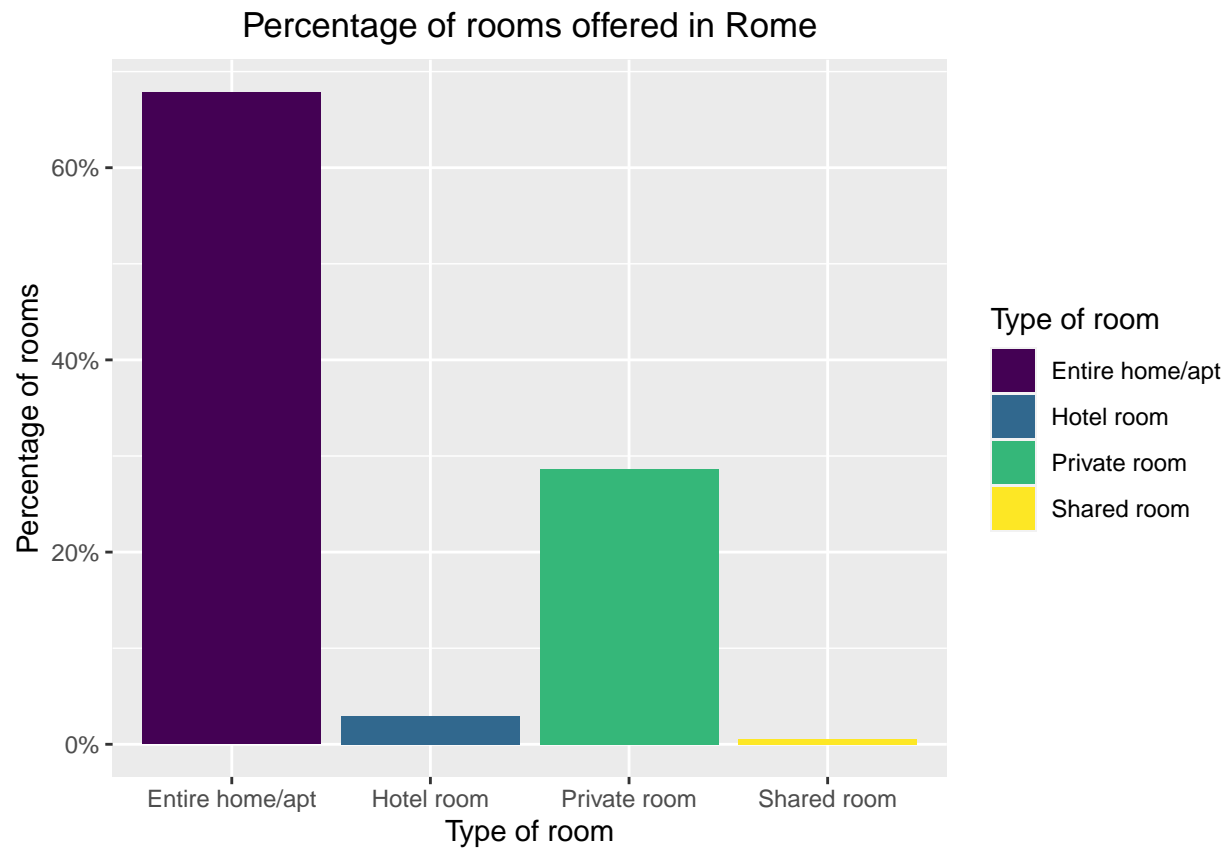












Number and type of rooms comparison between the cities

