

New Year's Eve Data Exploration

2023-03-01

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

##	city	min_price	mean_price	max_price
## 1:	Amsterdam	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:	Amsterdam	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

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

Number of rooms types per city

##		Amsterdam	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	0.009105596	0.264062271	0.005727713
##	0.721104421			

Room types in London (%)

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

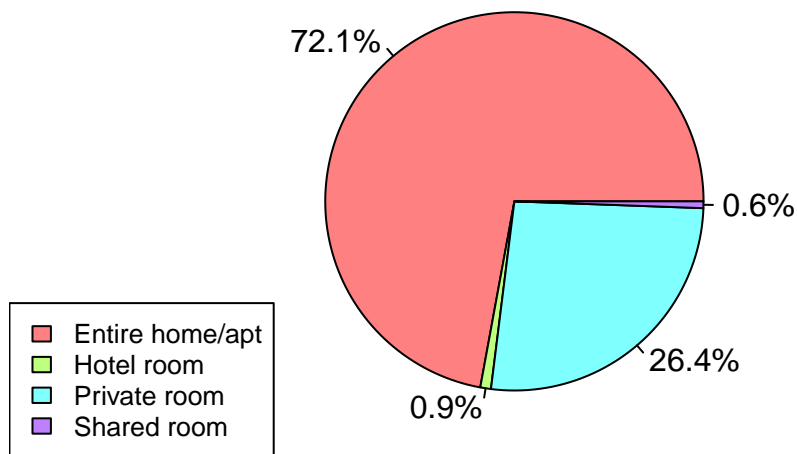
Room types in Paris (%)

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

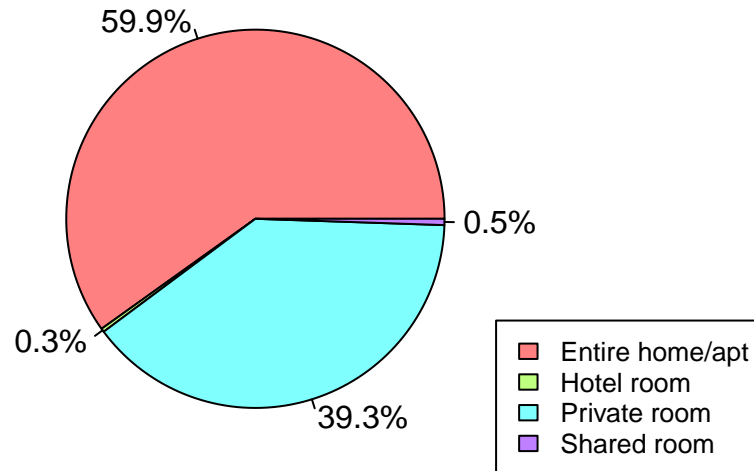
Room types in Rome (%)

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

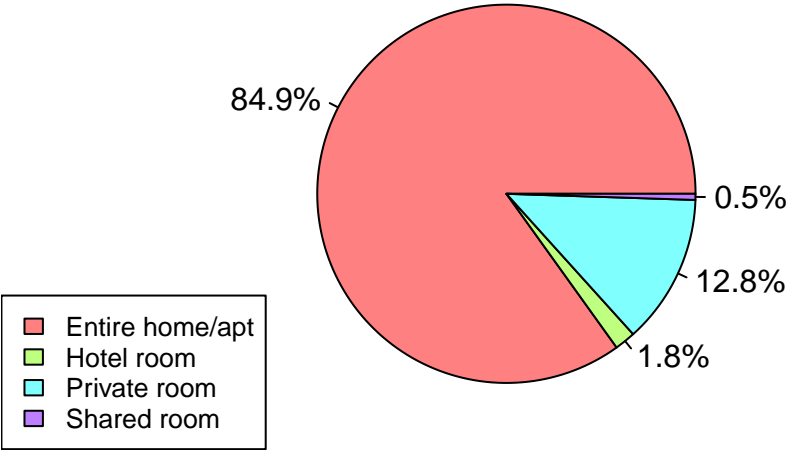
Airbnb room types offered in Amsterdam



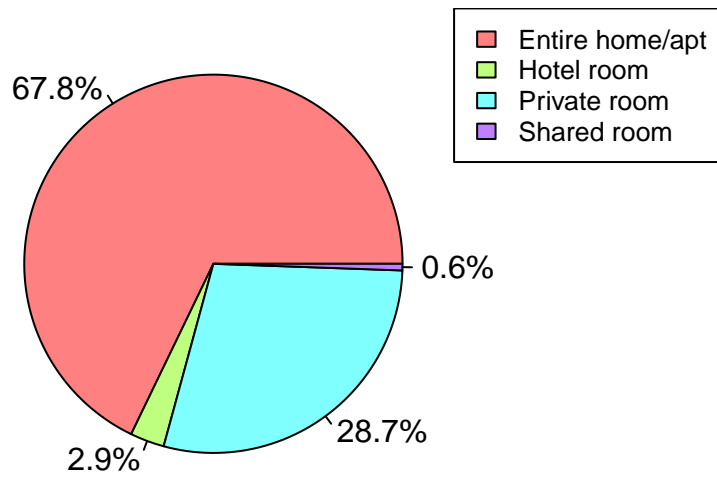
Airbnb room types offered in London

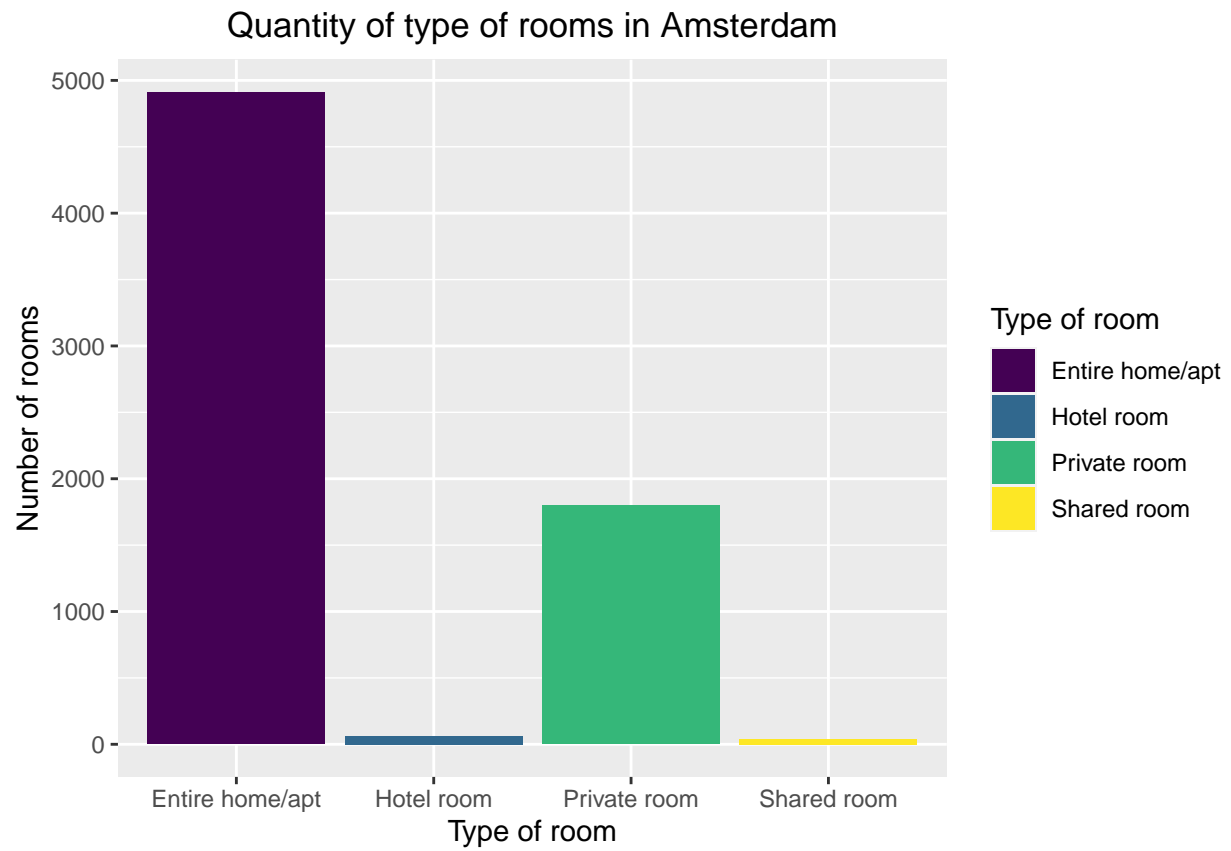


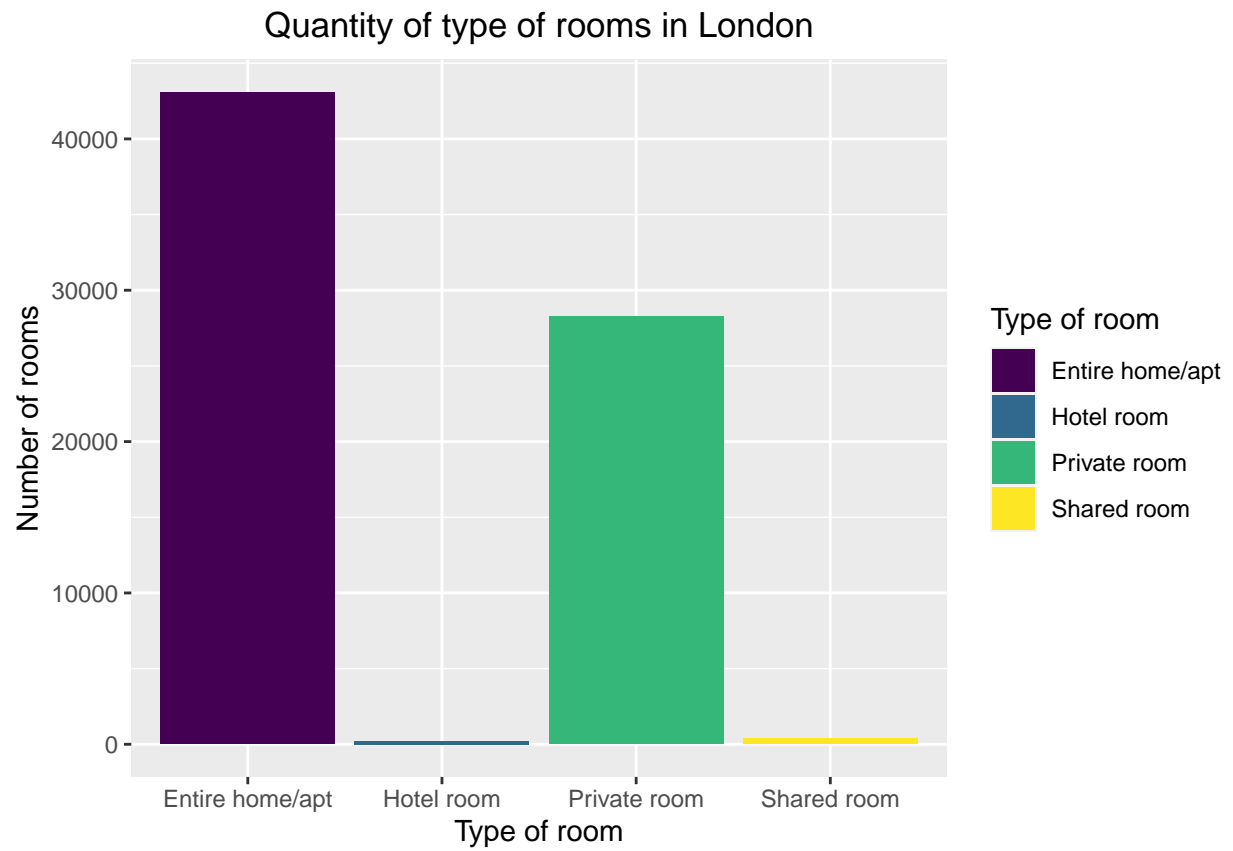
Airbnb room types offered in Paris

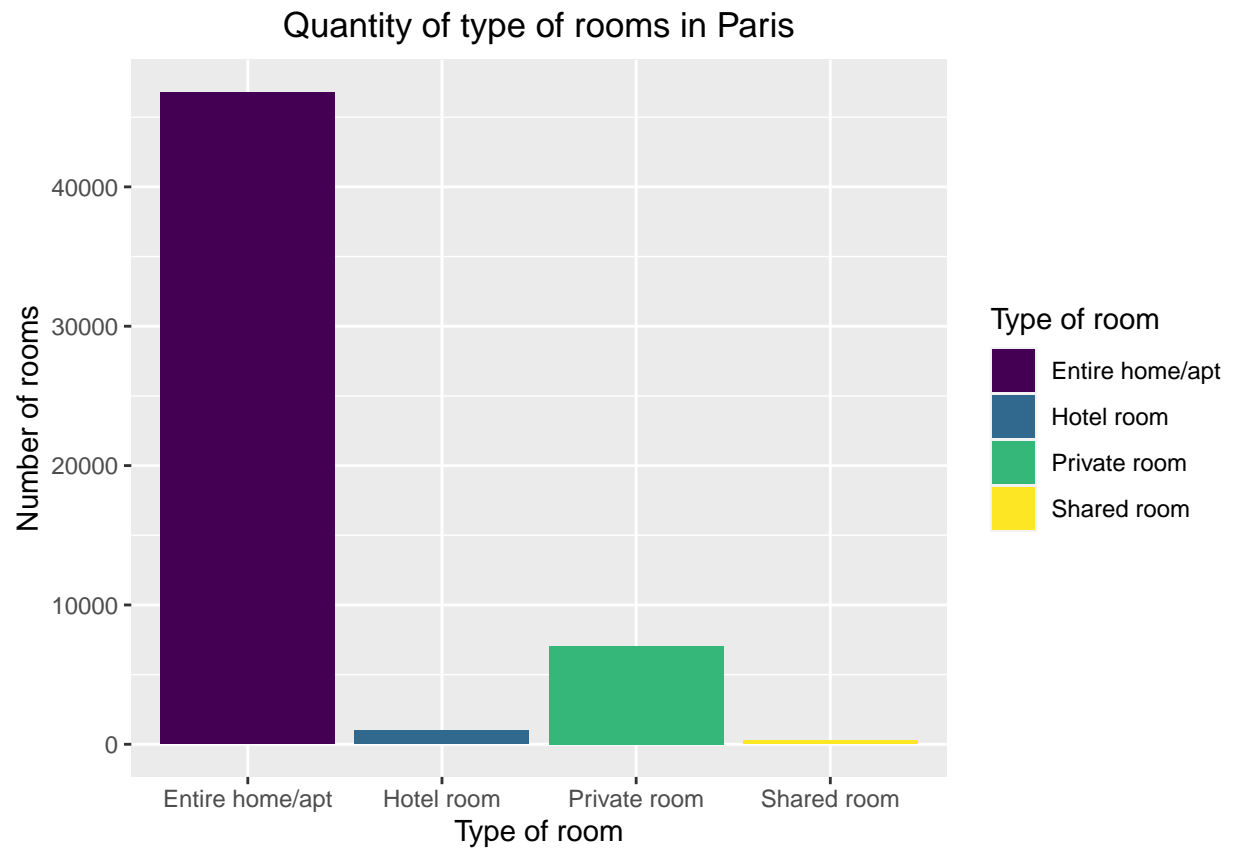


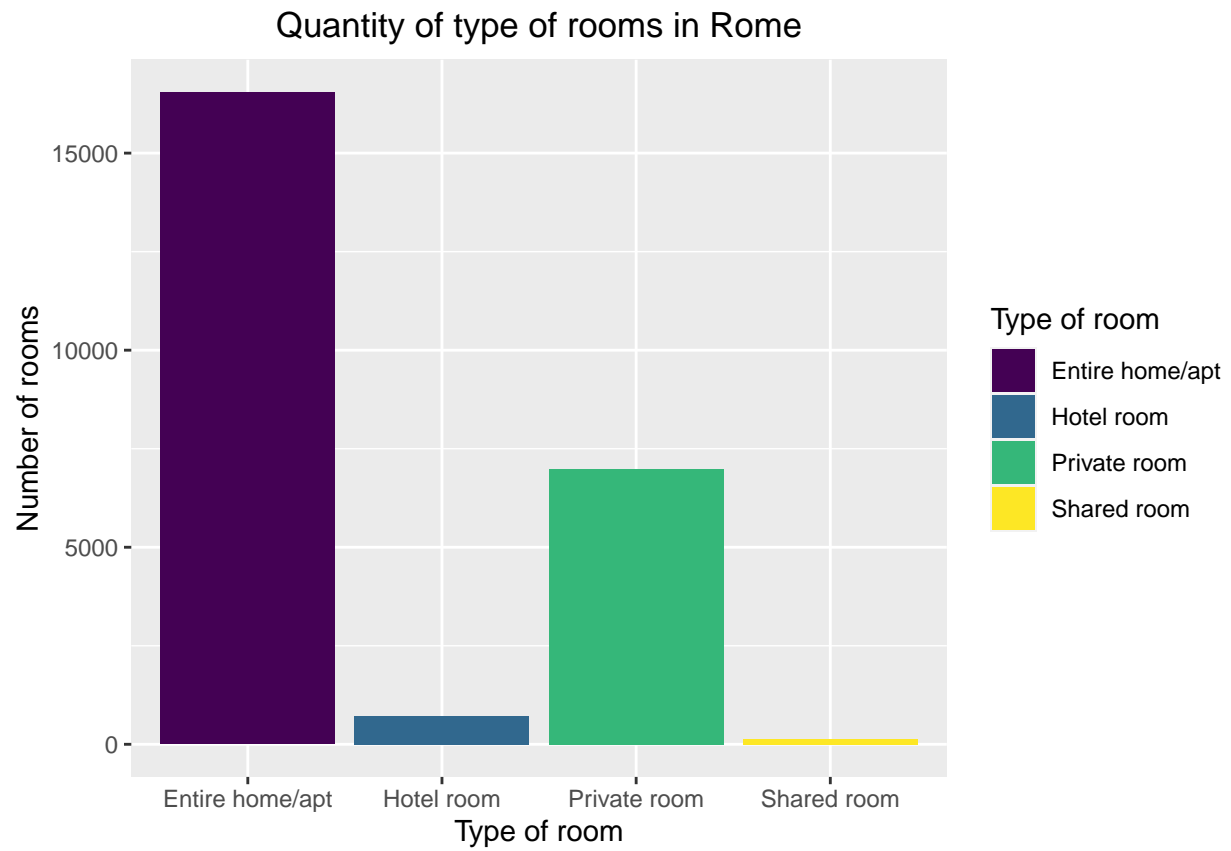
Airbnb room types offered in Rome

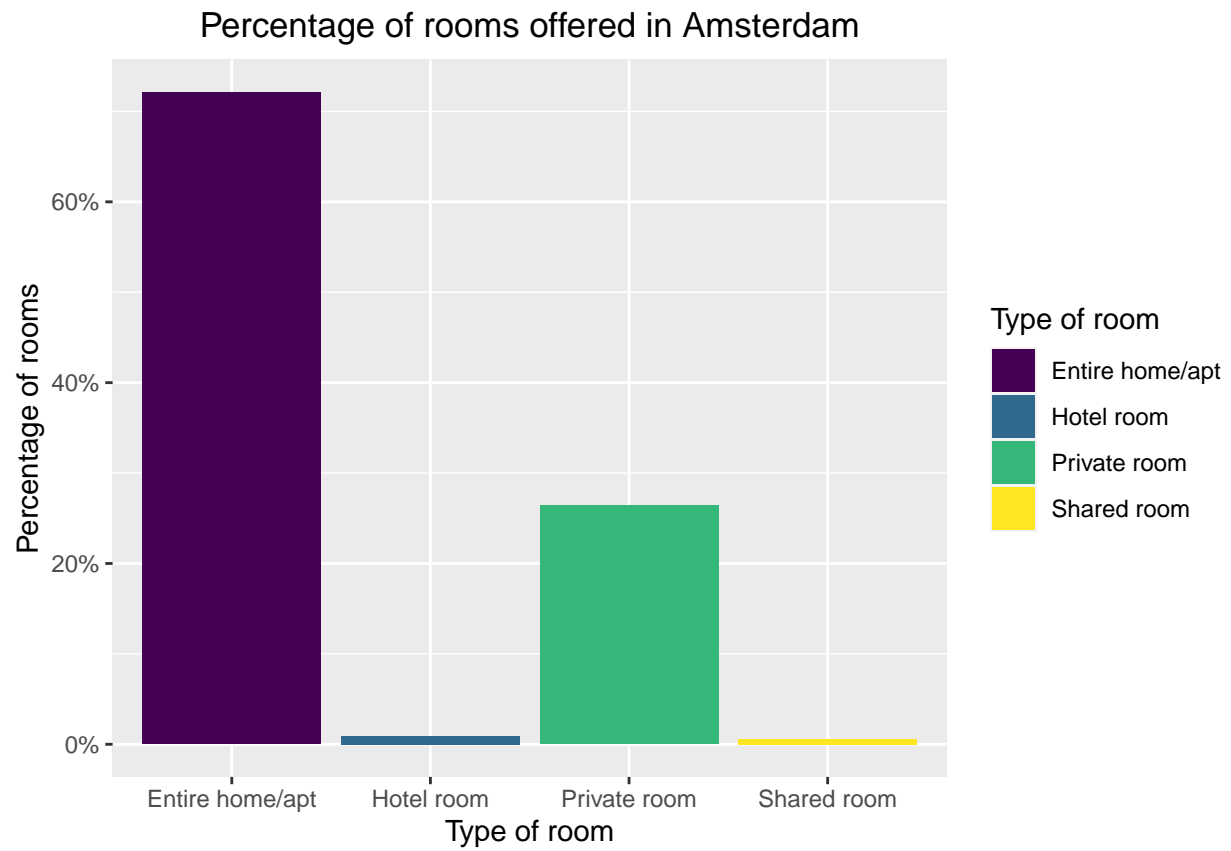


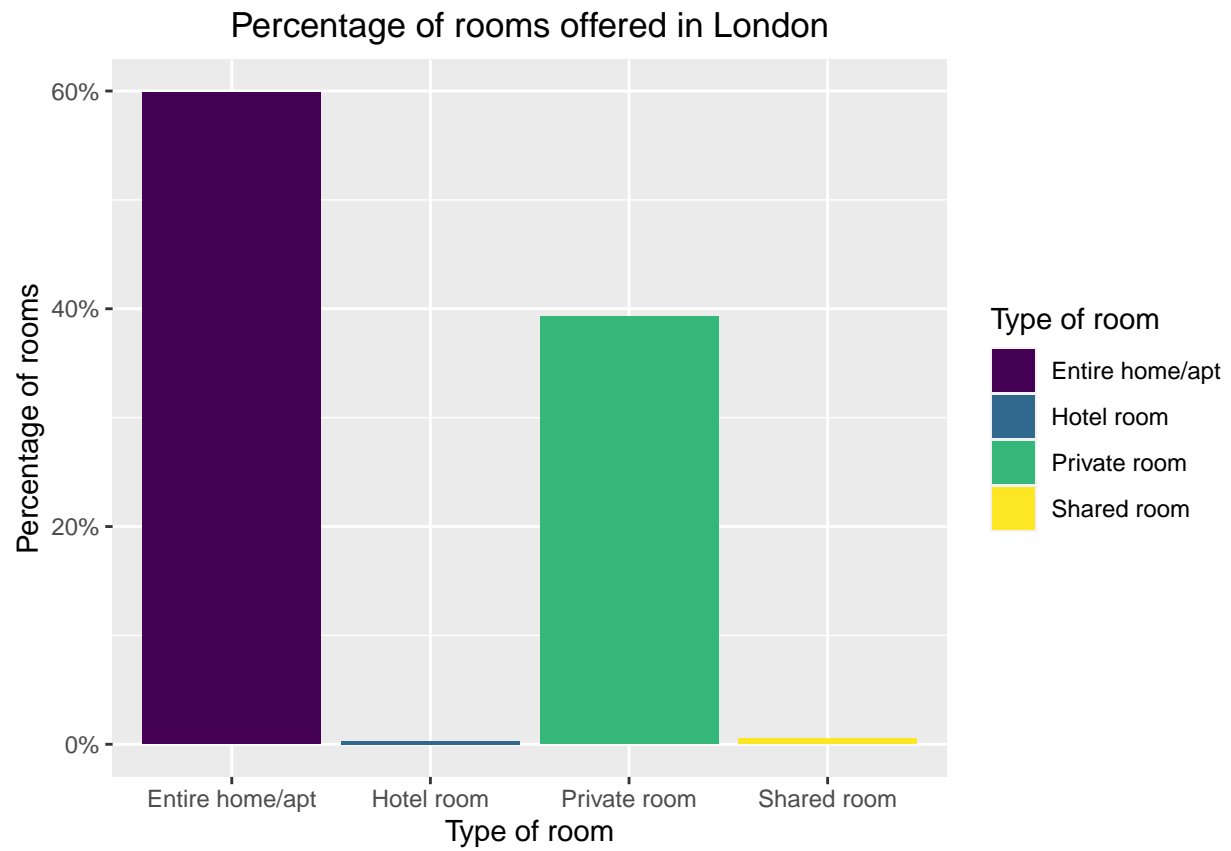


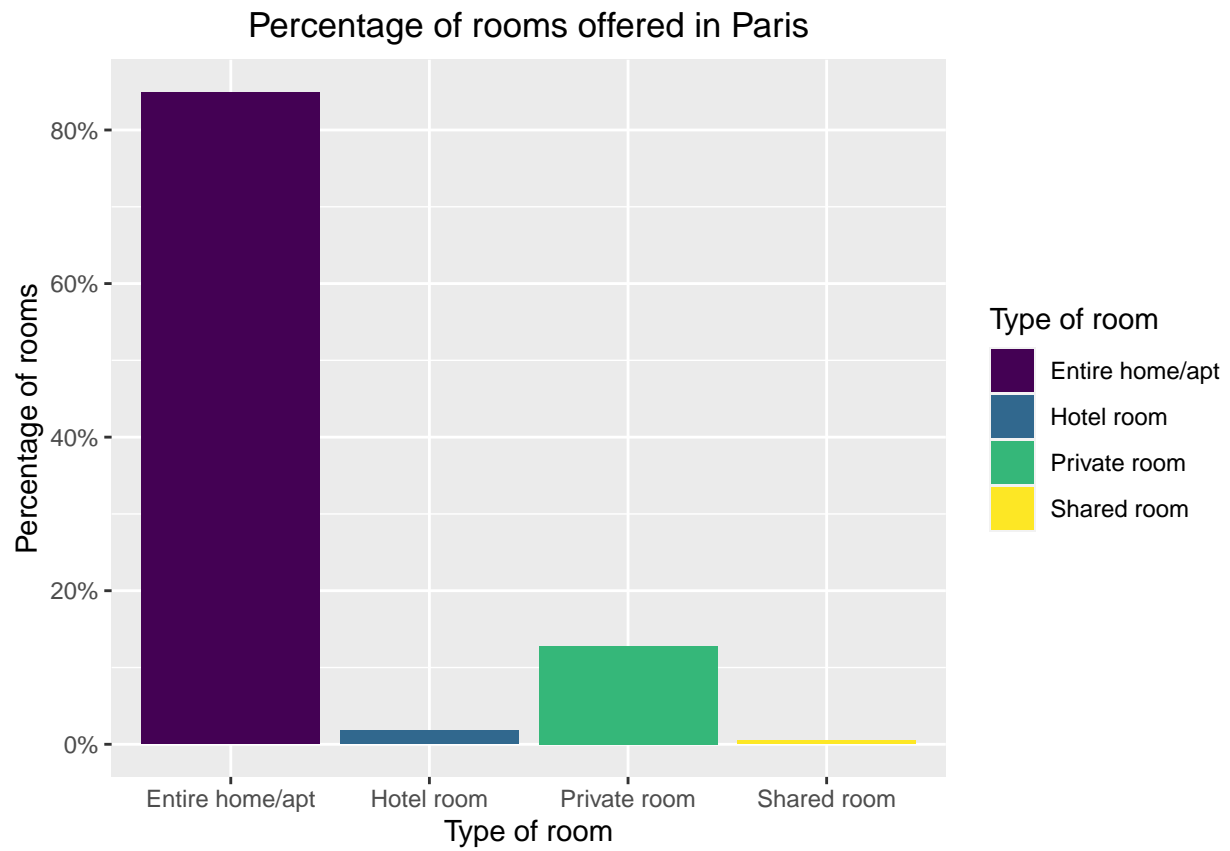


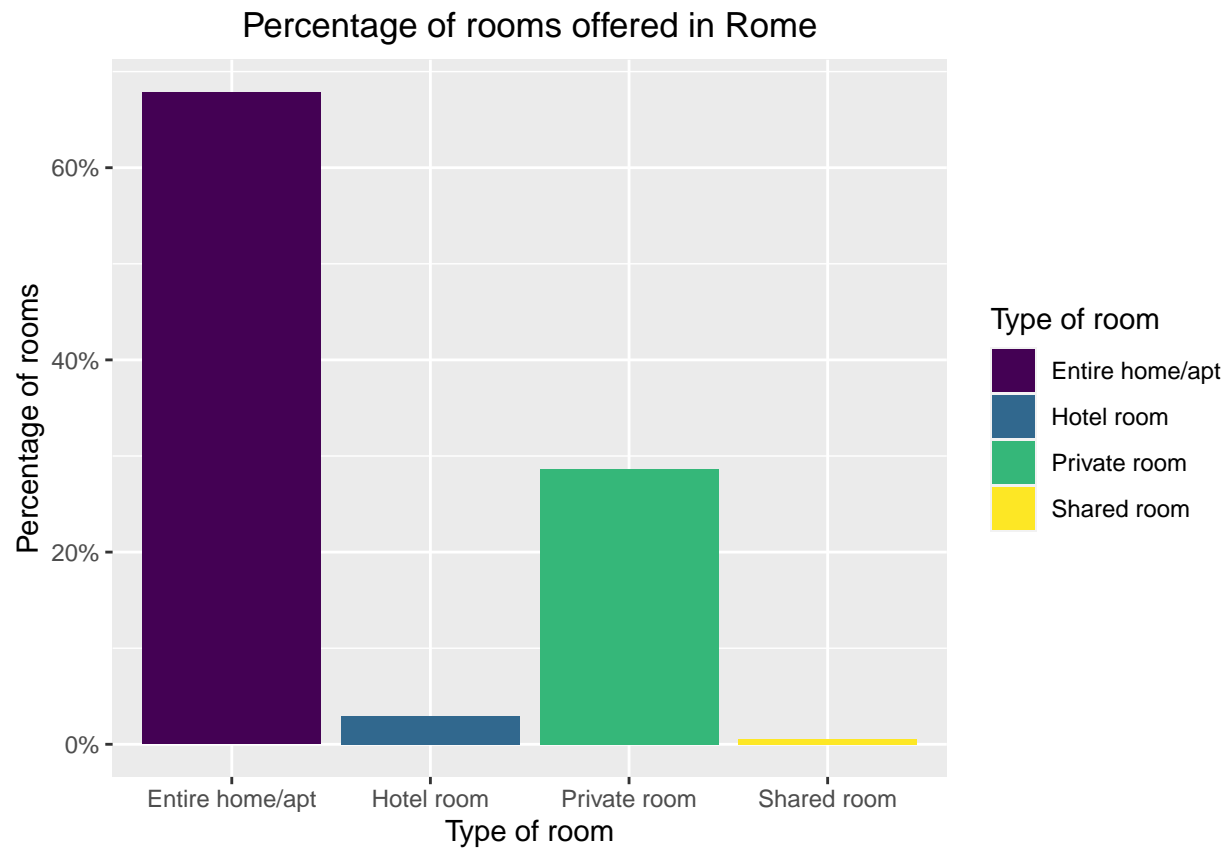












Number and type of rooms comparison between the cities

