

## Welcome to the Home Assignment Task

### Key topics addressed

- ❓ Rolling average of median monthly rental prices over time
- ❓ Geographical distribution and identification of key cities
- ❓ Additional insights discovered during the analysis


### As part of this assignment, I used SQL Server to clean and prepare the data. Here's a quick overview of what I did


- ✅ Data Cleaning: Cleaned the raw dataset to ensure consistency and accuracy.
- ✅ Table Creation: Created a new table to store the cleaned data.
- ✅ View Development: Built multiple SQL views to answer the assignment questions.
- ✅ Looker Studio Connection: Connected the final dataset to Looker Studio for visualization and further analysis.

### GitHub Repository

I've created a GitHub repository that includes

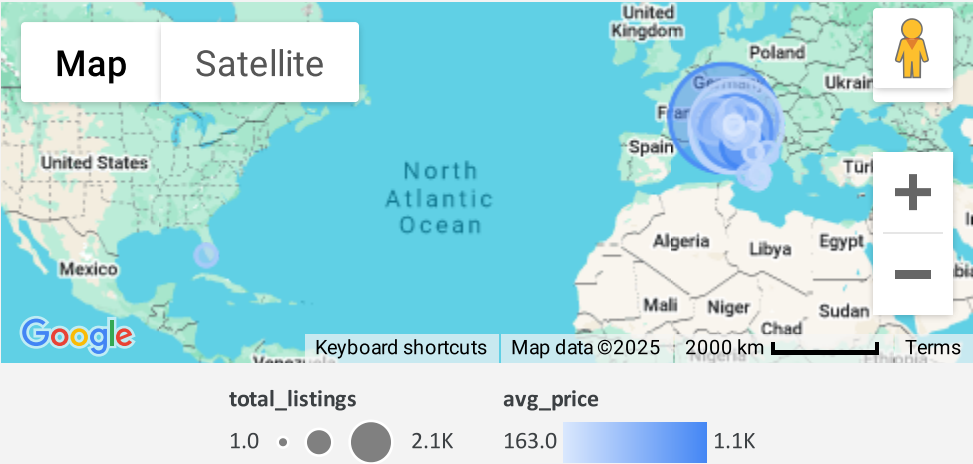
 **README: A detailed explanation of the questions and all the steps I followed**

 src: SQL scripts used in the project

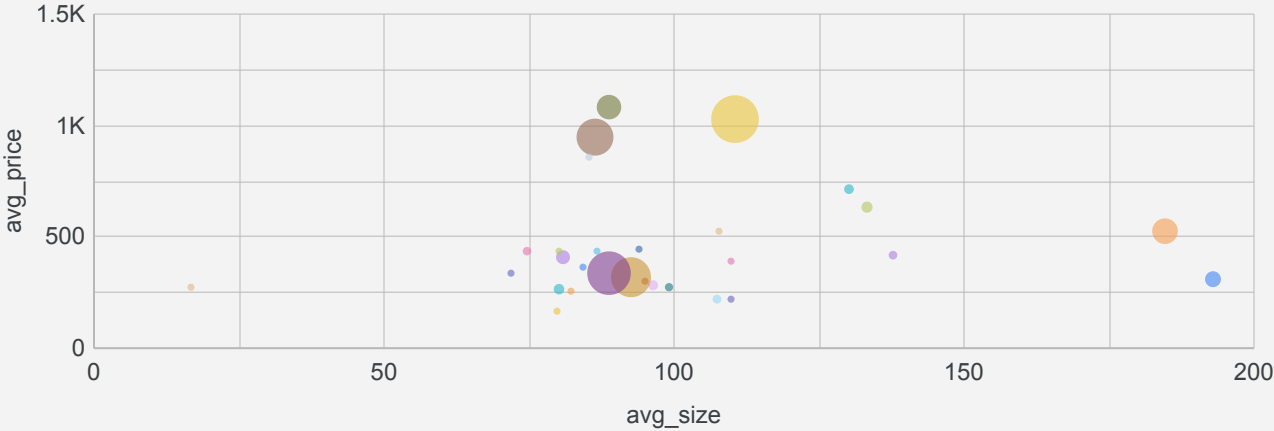
 data: Contains both raw and cleaned datasets (Note: data has been removed due to confidentiality, as the repo is public)

 Click [here](#) to view the GitHub repository

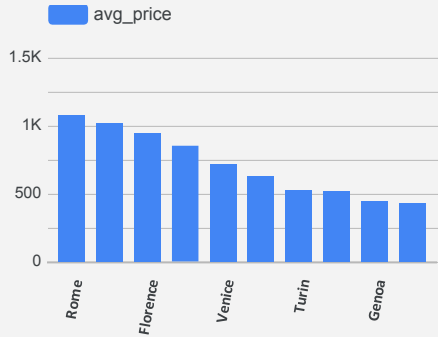
Geographical distribution & defining cities of interest



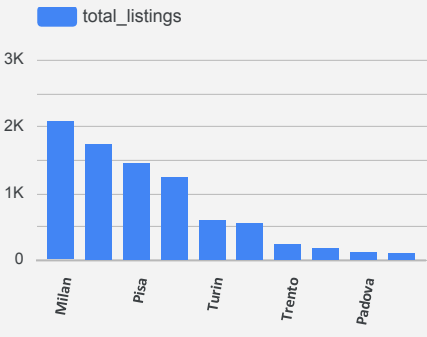
Which cities offer the most space for the rent you pay?



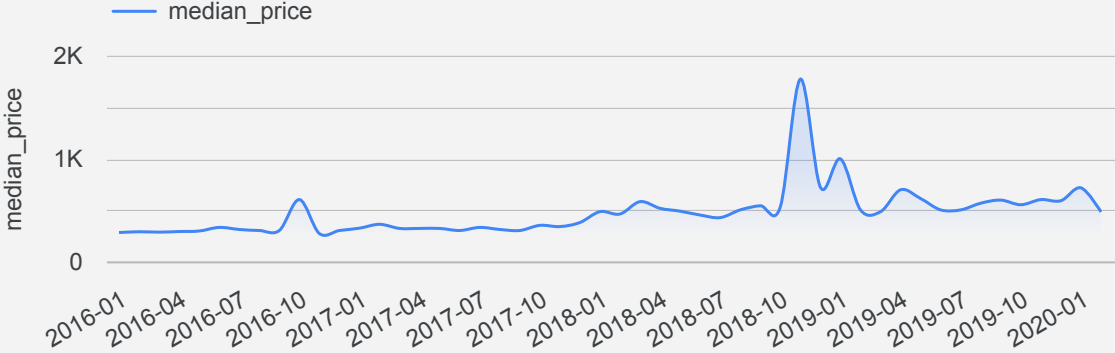
Cities by Total Listings



Cities by Total Listings



average of median monthly rental price development over time



	balcony	garden	furnished	terrace	avg_price ▾
1.	null	private	true	null	1,041.78
2.	null	shared	true	private	900
3.	null	no	true	null	812.77
4.	null	null	true	null	711.3
5.	private	shared	null	no	697.43