

Task 2

Q1: What neighborhoods are most in demand for housing?

https://public.tableau.com/app/profile/emad.magdy/viz/Task_2_16585018066470/Sheet1#2

Manhattan is the most neighborhood in demand for housing

Q2: what is the average price of each neighborhood with each room type?

https://public.tableau.com/app/profile/emad.magdy/viz/Task_2_16585018066470/Sheet2#1

Neighbourhood	Room Type	
Bronx	Entire home/apt	172.13
	Private room	68.39
	Shared room	50.56
Brooklyn	Entire home/apt	182.33
	Private room	79.76
	Shared room	66.39
Manhattan	Entire home/apt	248.42
	Private room	110.95
	Shared room	92.39
Queens	Entire home/apt	149.41
	Private room	72.46
	Shared room	74.77
Staten Island	Entire home/apt	295.68
	Private room	64.47
	Shared room	59.67

Entire home in all neighborhoods is expensive average price

Q3: what is the average rating for each neighborhood?

https://public.tableau.com/app/profile/emad.magdy/viz/Task_2_16585018066470/Sheet3#2

Manhattan and Brooklyn have best rating in all neighborhoods.

Q4: In Each Neighborhood what Room type is preferred for people?

https://public.tableau.com/app/profile/emad.magdy/viz/Task_2_16585018066470/Sheet4?publish=yes

Manhattan → most people preferred Entire home.

Bronx, Staten Island and Queens → the most preferred Private home

Brooklyn → The most preferred Private and Entire home

Problem (A – Dubstep)

<https://codeforces.com/contest/208/submission/165323072>

Problem (A - Theatre Square)

<https://codeforces.com/contest/1/submission/165332048>