

# Compare the 25 Boroughs in Munich

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# 1. Introduction

## 1.1 BACKGROUND

There are 25 boroughs in Munich and the housing prices of some boroughs differ a lot from the prices of other boroughs.



From the statistic of 2019 we see that the average selling price in the borough Altstadt-Lehel is more than double of the price in Feldmoching. Generally speaking, the housing price in Munich is continuously increasing in the last 15 years.

I mainly have three questions and want to find the answer in this project:

- Which venues are there in the 25 Boroughs in Munich?
- Is the housing price relevant to the venues in the boroughs?
- Can we predict the housing price in 2021?

## 1.2 TARGET PEOPLE

People who wants to move to Munich or who is planning to buy an apartment in Munich will be interested in this project. It could help them in making the decision, in which borough to buy their apartment and whether they should make the purchase in 2020 or later.

# 2. Data

In this project i will mainly use:

- longitude and latitude of the boroughs from google maps (use [geopy.geocoders](#)) ,which will be used to get the venues information from foursquare
- area of the boroughs from wikipedia  
[https://de.wikipedia.org/wiki/Stadtbezirke\\_Münchens](https://de.wikipedia.org/wiki/Stadtbezirke_Münchens)
- venues information from foursquare <https://foursquare.com>

- housing prices from <https://de.statista.com>, <https://www.immowelt.de...>



For example, with the data of the housing prices in Munich in the last 15 years man can clearly see that it has increased a lot. With this data i will make the data modeling and predict the price in 2021.