

The London House Price Change

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[Project Scope]

Which boroughs of London have seen the greatest increase in housing prices, on average, over the last two decades?(1998-2008)

[Summary]

The average price in each borough in 2008 was divided by the average house price in the same borough in 1998. The ratio reflected the changing of house price in that borough. The higher ratio, the larger increase of average house price. Here are the conclusions:

- The average house price in every borough increased over the last two decades
- The Hackney increased most
- After Lambeth, the rate of average house price increasing became more flat.

[Challenge]

The main challenges in the project is about the python application. Some commands worked in Tier One and Tier Two, but not Tier Three. My mentor Mukesh helped a lot to overcome the issues. We changed the procedures and finally pass the python part. However there are still something I need to learn, such as index, drop a column instead of rows, and index part.

[Improvement]

If I have time, I would like to do the following:

- Compare the inflation rate vs. average house pricing and see whether the average house price increase will trend with inflation rate.
- Use other python method to process data,