

Congrats on being selected to interview with Home.LLC!!

In this job, we're looking for an ideal applicant to become a part of our Quantitative Analytics team. This is a fully remote job. We're excited to get to know you better. Your interview will be conducted in 4 stages.

Stage 1: At-home Assessment

Stage 2: Behavioral Interview

Stage 3: Interview with Manager

Stage 4: Offer Discussion

You're now in Stage 1.

Q. Find publicly available data for key factors that influence US home prices nationally. Then, build a data science model that explains how these factors impacted home prices over the last 20 years. Use the S&P Case-Schiller Home Price Index as a proxy for home prices:  
[fred.stlouisfed.org/series/CSUSHPISA](https://fred.stlouisfed.org/series/CSUSHPISA).

You have to submit your output by 08:00 PM of Tuesday [12.12.2023]. After receiving your submission, if you are selected in this round, we'll send you details about the next round.

Note:

Do not use pre-existing datasets for this assignment. Most factors that influence home prices at a national level can be individually sourced from public websites.

Plagiarism is not at all acceptable if found any then the application will be deemed void.

Good luck! We are looking forward to seeing your output.