

There are **2 mandatory questions** in the assessment.

- Upload the video (1<sup>st</sup> Answer) to a Google Drive folder
- Upload the document (2<sup>nd</sup> Answer) to the same Google Drive folder

You can share the link of that Google drive folder with us.

**IMPORTANT:**

Please make sure the link you share to the Google Drive folder is **unrestricted** and can be accessed by everyone

**Q1:** Introduce yourself in 60 seconds and explain why you're a great candidate for this role.

**Q2:** Build a model using publicly available data for key \*national\* demand & supply factors that could influence US home prices. Use that to explain how these factors impacted home prices over the last ~20 years. You can 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).

Respond back with a document that contains all the \*links\* to your outputs in the best suitable format.

**Definitions**

- A national factor is one that impacts home prices nationally. For example:

- The US unemployment rate is a national factor
- Boston's unemployment rate is NOT a national factor
- Avg. no of bedrooms in California is not a national factor

- A demand factor is one that primarily impacts demand for homes from consumers.  
(Ex. Unemployment rate)

- A supply factor is one that primarily impacts the supply of homes (i.e. total homes available for sale). (Ex. Availability of land)

**Note:** Don't use/analyze any Kaggle datasets.