Data source

**Task -** Using publicly available data for the national factors that impact supply and demand of homes in US, build a model to study the effect of these variables on home prices.

Factors that has been choose to predict the Home price in the model:

1. Case Shiller - [S&P/Case-Shiller U.S. National Home Price Index (CSUSHPISA) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/CSUSHPISA)v
2. Unemployment - [Unemployment Rate (UNRATE) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/UNRATE)
3. Per Capita GDP - [Real gross domestic product per capita (A939RX0Q048SBEA) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/A939RX0Q048SBEA)
4. Interest Rate - [Federal Funds Effective Rate (DFF) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/DFF)
5. Construction Price Index - [Producer Price Index by Commodity: Special Indexes: Construction Materials (WPUSI012011) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/WPUSI012011)
6. Consumer Price Index - [Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCSL) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/CPIAUCSL)
7. Total Household - [Total Households (TTLHH) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/TTLHH)
8. Income - [Real Disposable Personal Income (DSPIC96) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/DSPIC96)
9. Subsidy - [Government subsidies: Federal: Housing (L312051A027NBEA) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/L312051A027NBEA)

10. Working Population - [Working Age Population: Aged 15-64: All Persons for United States (LFWA64TTUSM647S) | FRED | St. Louis Fed (stlouisfed.org)](https://fred.stlouisfed.org/series/LFWA64TTUSM647S)

11. Urban Population - [Urban population (% of total population) - United States | Data (worldbank.org)](https://data.worldbank.org/indicator/SP.URB.TOTL.IN.ZS?end=2021&locations=US&start=2001)

12. 65 & Above Age - <https://fred.stlouisfed.org/series/SPPOP65UPTOZSUSA>

13. House Supply - <https://fred.stlouisfed.org/series/MSACSR>