

FACTORS THAT COULD INFLUENCE RESIDENTIAL HOME PRICES ACROSS THE UNITED STATES OVER THE NEXT 10 YEARS

This report describes in a **mutually exclusive and collectively exhaustive** format all the factors that could influence residential home prices across the United States over the next 10 years.

The data used for this was taken from Federal Reserve Economic Data (FRED). And these were the following data points used:

- Gross Domestic Product
- Median Sales Price of Houses Sold for the United States
- Unemployment Rate
- Interest Rates and Price Indices
- Monthly Supply of New Houses in the United States
- New One Family Houses Sold: United States

These traits significantly affect projecting house values in any nation, according to historical data (from the 1970s to the present). A typical family's decision to purchase residential real estate is heavily influenced by the financial stability of the family and the nation, which is represented in the supply and demand of the good.

Each feature is mutually exclusive and linearly independent, with a positive or negative link to the target-House price (i.e., collectively exhaustive). The plots in the notebook show the trend in each feature from 1972 to the present. The GDP is consistently growing, despite the fact that the unemployment rate changes over time. We should expect the US economy to have little impact given the current global economic period, which may help us predict developments in the following years.