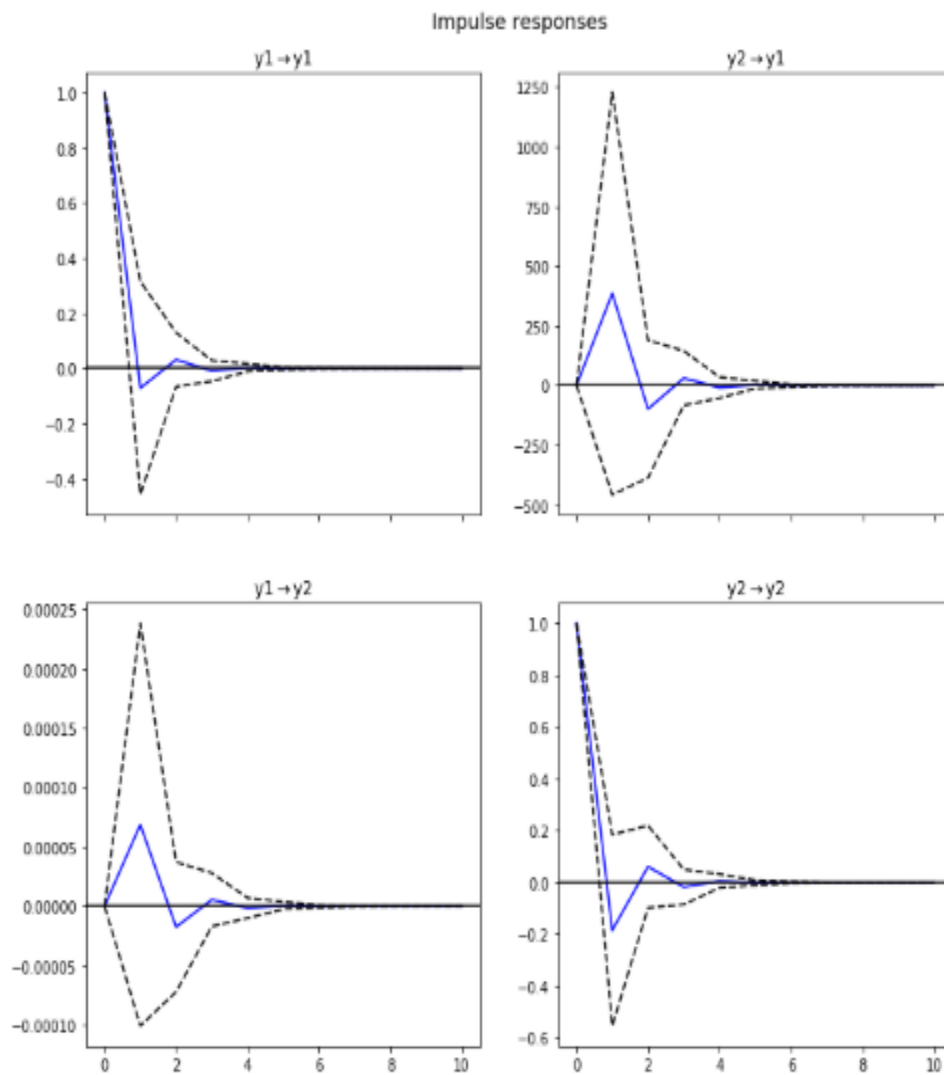


Impulse Response Function between GDP and House Return in District of Columbia



To extend the analysis beyond Zillow information, I've tried to combine external information. Economic behavior can be related with real estate, therefore I've decided to apply Vector Autoregressive technique (VAR). There were previous steps to adapt those different datasets such as aggregating the information quarterly and joining adequately the information.

I've chosen one of the best performing assets. We can see there is a positive reaction of GDP with variation of prices of the asset and it converges at the second period. The same logic applies with asset price reaction with a variation of GDP.