# Brainstorm

Data points

* Housing prices
  + Rental prices
  + Sales volumes
* Inflationary Data
  + Levels at different periods
  + Duration of inflation
* Cash rate changes
* To compare with 1970's (similar inflationary environment)
* GDP - worries of stagflation (inflation with no economic growth)
* State or capital-city based data so that we can visualize it on map of Australia
* Equity-market movements - cash is king…
* Wage price index

Possible Critical Questions:

* Similarities and differences to 1970's - what can we expect moving forward if 1970's is any reflection of today?
  + Similarities - oil price boom, wage increases
  + Differences - GDP and Govt. tools to tackle inflation
* How effective is cash rate changes to CPI?
* How does inflation influence interest rates and therefore mortgages + housing prices?

**Story - 1970's vs. Now - What can consumers and homeowners expect over the coming years?**

* Data to source - For both 1965-80 and 2010-present (to confirm timeline):
  + Housing price data - by state/city if possible
    - Average rent prices
    - Mortgage rates
  + Cash rate data
  + CPI inflation data
* Data Analysis:
  + Correlations
  + Scenario Analysis
    - E.g. What happens if we raise interest rate 50bps each month for next yr
    - How long did inflation last in 70's and how long will it last if continue at same rate now
* Presentation:
  + Visualization on Aus. Map