**Mock scenario**:

A client asks me to draw up a list of the **cheapest 3-bedroom house** in each state of Brazil. I am then to compare each house's price and cost per square meter and make a recommendation.

**Data**:

I used a public dataset on BigQuery called Properatti - Brazil Real Estate Listings. This dataset contained many large tables, so I only used one (properties\_sell\_201802)(There were only 20 unique states in the table). This table lists properties posted from 01-08-2017 to 01-02-2018.

**Tools**:

I used BigQuery(SQL), Google Sheets and Tableau for this project.

**Constraints**:

* The listing must be a house.
* It must have 3 bedrooms.
* The cost per square meter must be listed.

**Result**:

After applying the above constraints to the table, I was left with houses from **11 states**.

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**Appendix:**

**BigQuery dataset ID**: properati-data-public.properties\_br

**Tableau presentation**: https://public.tableau.com/app/profile/ashwill.daniels/viz/CheaphousesBrazil/Map