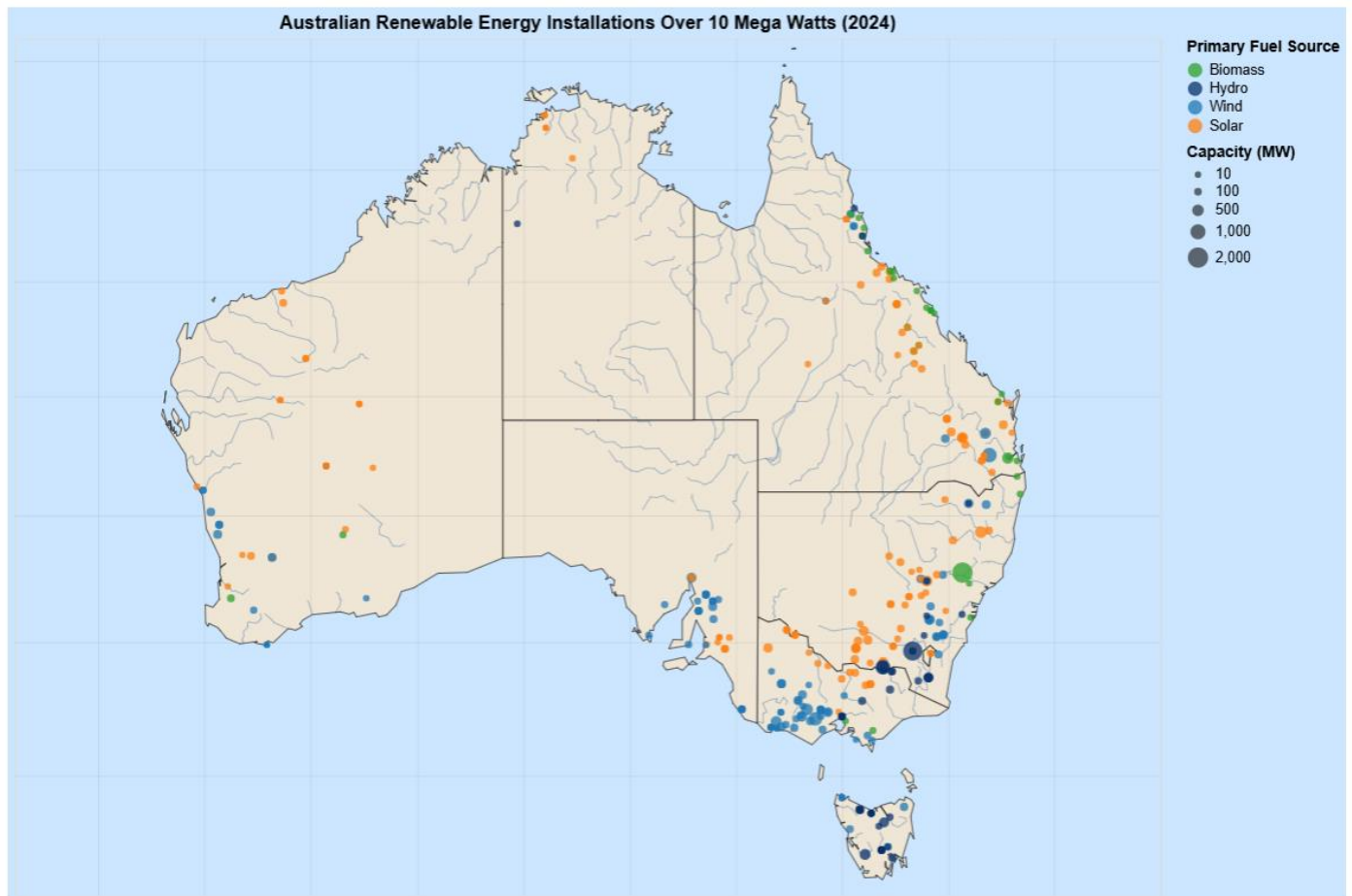


Angus Corr – 32526199 – Friday 10AM – Bruno Vasquez

https://github.com/angus135/FIT3179_week9_homework



- Domain:
 - o Renewable energy infrastructure in Australia, specifically large-scale renewable power stations (solar, wind, hydro, biomass) and their installed capacities across states and regions.
- Dataset:
 - o Historical large-scale renewable energy supply data from the Australian Government Clean Energy Regulator. Supplemented with Australian postcode data for locating installations, as well as for state boundaries, rivers, and city locations.
- Data Transformation:
 - o Filtered to include only installations with installed capacity ≥ 10 MW.
 - o Looked up each installation's postcode against a postcode to latitude/longitude table to get coordinates.
- Map idiom and justification:
 - o A proportional symbol map (circles positioned by geographic coordinates, sized by installed capacity, and coloured by source).
 - o Chosen because it clearly shows both the *location* and *magnitude* of renewable energy projects, while colour encodes the technology type.
 - o Overlaying on geographic boundaries, rivers, and major cities provides necessary spatial context for interpreting the distribution.