



Australian Labor Market and Twitter Analysis (2022)

Team 66:

Wentao Xie

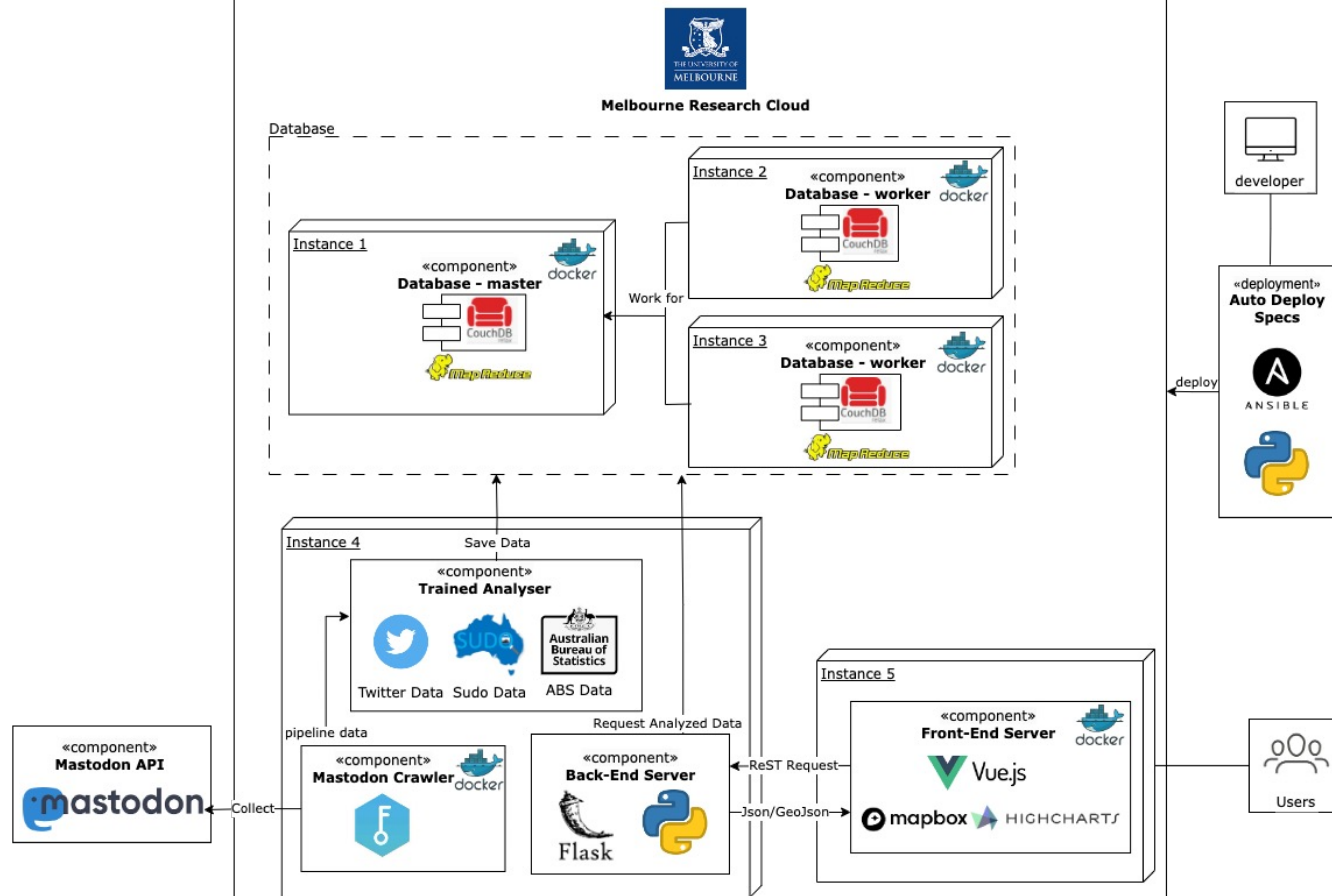
Maxie Ren

Fan Zhang

Qingtian Shen

Yang Meng

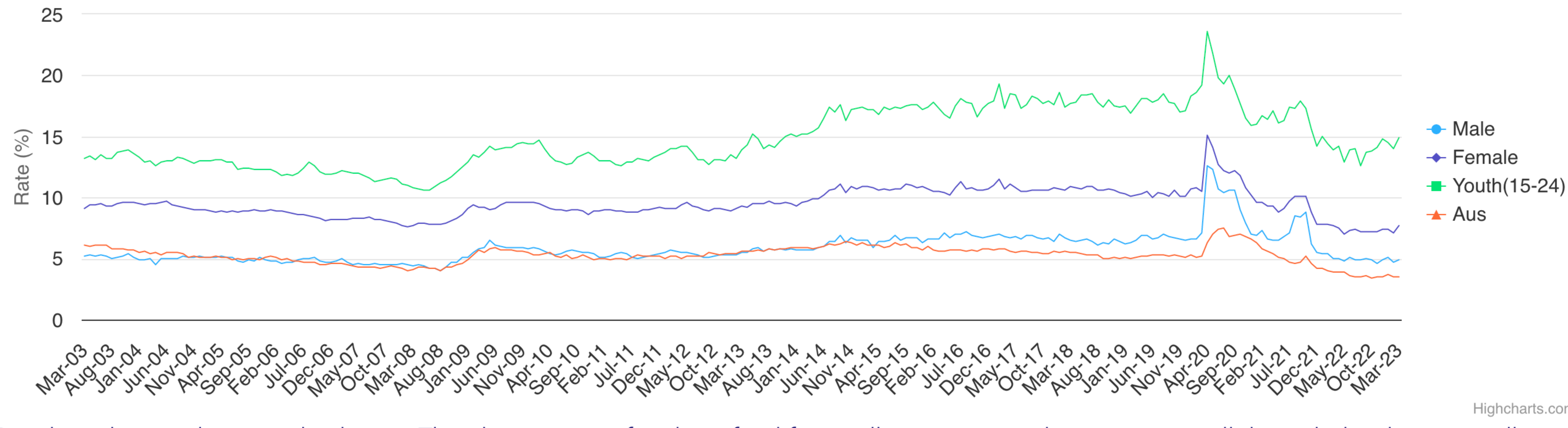
System Architect



Scenario 1: 20-year unemployment rate.

Unemployment rate, Australia (20 years)

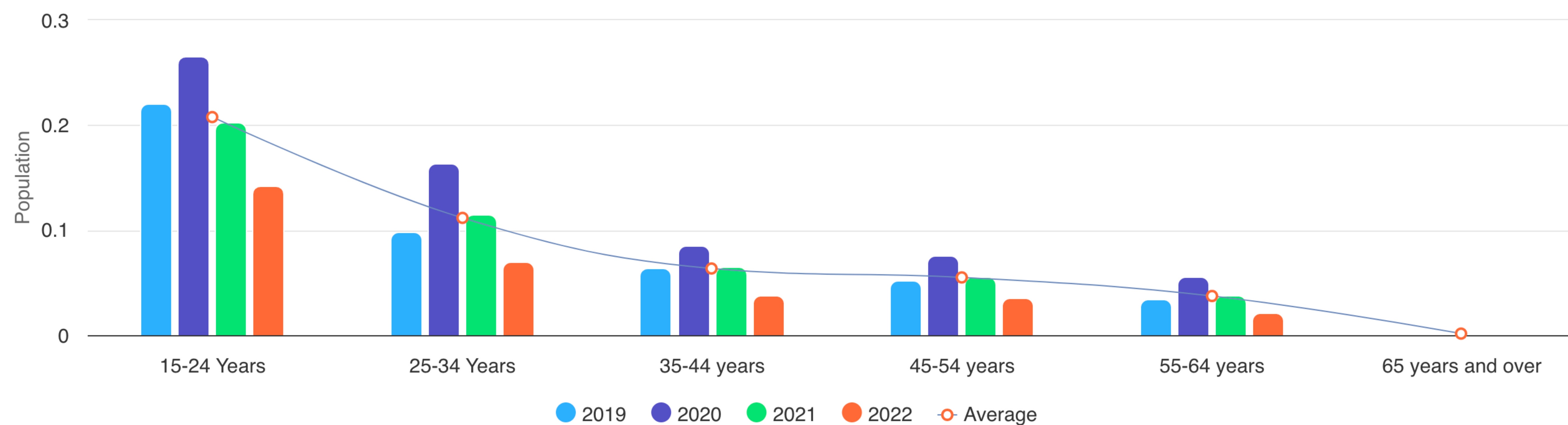
Source: SUDO + abs.gov.au (Seasonly Adjusted)



Findings:

- Covid Years have significant higher Unemployment Rate.
- Global Financial Crisis (GFC) from mid-2007 to early 2009 has higher rate than previous years
- Mining boom in the 2010s has lower rate than previous year.

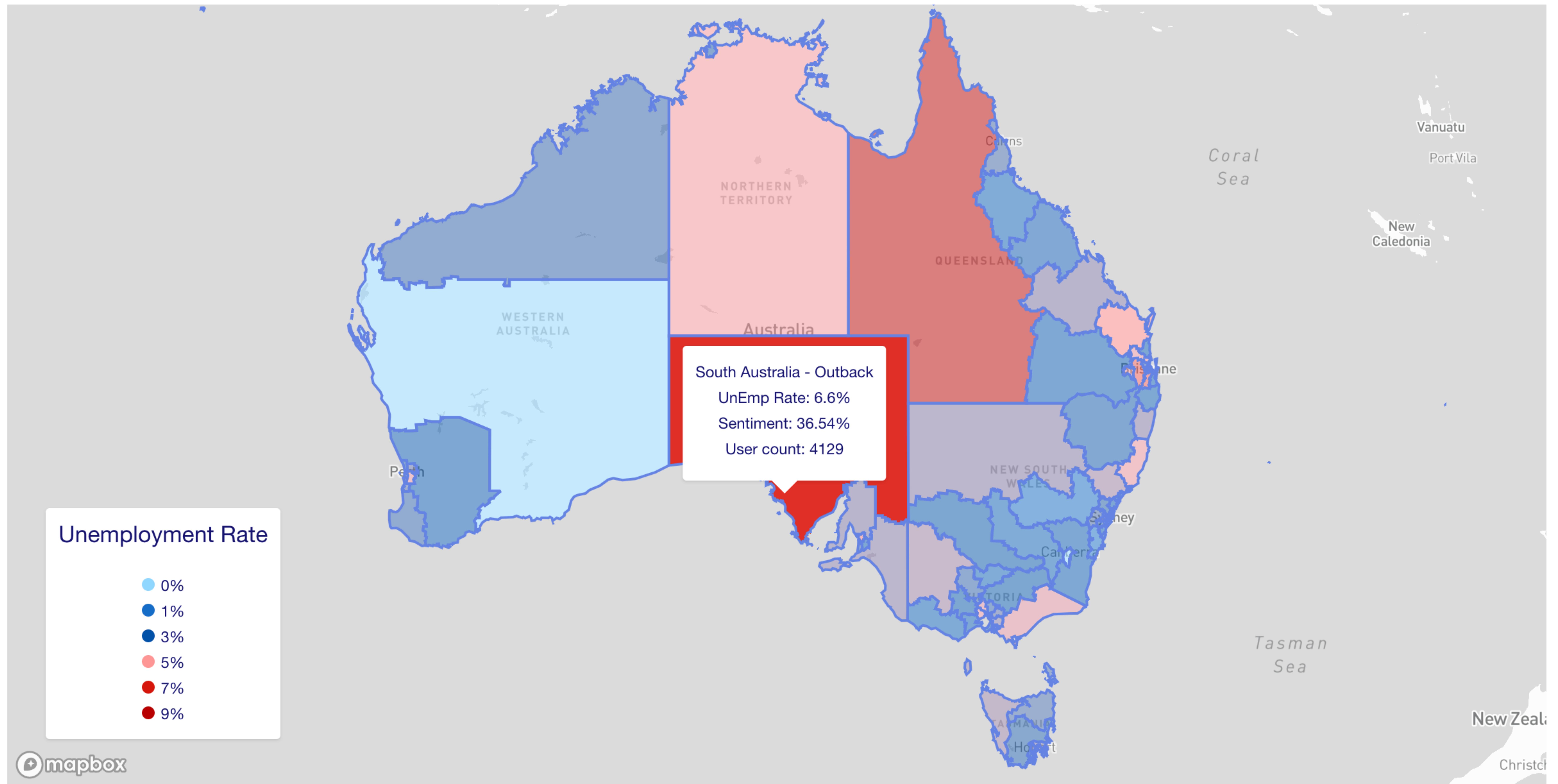
Age Population (Unemployment)



Findings:

- New Grads tend to loss their jobs.

Scenario 2 Regional Analysis (2022 only)



Scenario 3

Tweets & Tweets Analysis

Tweets Word cloud 2023

Mastodon



Highcharts.com

Word clouds are used to visualize how often each word in all twooters occurs. Words that appear often will appear larger.

Tweets Word cloud 2022

Twitter



Highcharts.com

Word clouds are used to visualize how often each word in all tweets occurs. Words that appear often will appear larger.