| Project Title | Most Ideal State |
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| Team Members | Caroline Badocha  Daniel Kenworthy  Jose Sandoval  Balvinder Rajbans |
| Project Description/Outline | This Project aims to identify which state is the best to live in based on a selection of factors |
| Research Questions to Answer | Which state in Australia would be the best to live in?   * Crime (Daniel)   - Lowest total offences  - Lowest homicide related offences   * Unemployment (Jose)   + Lower unemployment rate   + Lower underemployment rate * Schools (Caroline)   + Low teacher to student ratio   + No. of High ICSEA score for the state (Box & Whisker Plot) * Housing (Bali)   + Greater Rental Affordability |
| Datasets to Be Used | AHIW - [Housing availability](https://www.housingdata.gov.au/)  ACARA - [School Profiles](https://www.acara.edu.au/contact-us/acara-data-access)  ABS - [Crime and Justice Data](https://www.abs.gov.au/statistics/people/crime-and-justice/recorded-crime-offenders/2020-21#data-download)  ABS - [Employment/Unemployment Data](https://www.abs.gov.au/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#key-statistics) |

Breakdown of Tasks

1. Prepare the Project Submission
2. Set-up Repo in GitHub
3. Clean the data in separate Jupyter Notebooks
4. In the Final Analysis Notebook create 2 visualisations according to the allocation in the above table.
5. Each section has a final points rating for each state.
6. Combine the ratings for each section to identify which state would be the best to live in. Presented in a bar graph.

Deadlines

Tuesday (9/8) - Data fetching/API integration/Data cleaning

Thursday (11/8) - Data cleaning/Testing

Monday (15/8) - Data analysis/Creating documentation

Tuesday (16/8) - Creating the presentation

Wednesday (17/8) - Practice

Thursday (18/8/) - Present



