

## **Capstone project Proposal Submission -Historical Enterprise Incentive scheme Business data**

### **Client:**

Australian Department of Employment

### **Dataset:**

<https://data.gov.au/dataset/neis>

### **Data Analysis / Wrangling:**

- 1) Which businesses (if started) will be mostly successful?
- 2) Which category of people (single Parent families, ex-convicts, indigenous etc) failed the most in running the business successfully?
- 3) Which age groups are running the business successfully?
- 4) Success index score/ Competitiveness index score( on a range of 1 to 10) based on factors such as 1) Location of the business 2) Industry 3) Personality/age-group of the person starting this business 4) Any other indicators suggesting the type of support business owner received from the government 5) Number of employees recruited (if applicable)
- 5) Threshold score for each of the 4K Business. This score is slightly different from the index score (mentioned in previous point). This score is calculated based on the (i) Previous business experience of the owner (ii) Owner's state / condition at the time of starting the business (iii) Success rate of similar businesses that were started earlier at the same location. This score could be used by Government as one of the parameter before approving a new business to join this scheme.

### **Problem to solve:**

Above predictions/ analysis would be helpful for the federal government agencies in:

- 1) Vetting the individual business applications prior to approving a new business to join this scheme (Approval of grant and mentorship support)
- 2) Identifying people/ businesses that require more support to succeed.
- 3) Reallocate some of the funds/ resources from successfully operating industries to other industries that require more support.