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 are mostly successful as per the data available?

2) Which category of people (single Parent families, ex-convicts, indigenous etc) succeeded in running the business successfully?

3) Which age groups are running the businesses successfully? Whether industry_type and geographical location had any influence on the outcome?

4) What are the categorical and non-categorical features involved in the data set?

5) What are the unique values of categorical features and which features had influenced the target variable? (in this case, target is "Business being successful")

6) How many NAN values were present in the data set and how was it handled?

Problem to solve:

Target of our problem is to find out whether an individual planning to start a business under NEIS scheme will be successful or not - This will be useful to vet out individual business application prior to approving them and providing mentor support as part of NEIS scheme.