Project 1: Explore Given Data - Proposal

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Group meetings: Thursdays 6pm after Lab at Uni

Group Roles:
Responsibilities and tasks are delegated through one's strengths and weaknesses. Check over each other's work and collaborate to improve work quality.

Research Question: Which factors could heavily influence a student's grade?
We have chosen this particular research question as it is very flexible. It contains many variables that we are able to investigate and targets a suitable crowd for data collection.

Some data that we would collect includes:
- Caffeine/alcohol
- Sleeping hours / day
- Amount of time to self
- Working hours / week
- Study hours / week

Survey Questions:
1. On average, how many hours a week do you spend studying? (<2hrs, 2-4hrs etc)
2. How many hours do you usually sleep for each day of the week? (Monday, Tuesday etc.)
3. How many hours a week do you work? (Do not work, <5hrs, <10hrs)
4. What suburb do you live in?
5. What type of school did you attend? (private, public, selective)

Limitations:
1. Social desirability bias - occurs when respondents answer questions unfaithfully as to avoid degradation of their character

2. Selection bias - responders are selected from a pool individuals who attend tertiary education thus is doesn't account for the lower percentile of achievers