

Project 2 Proposal

In this project, as Australian national social policy makers we will be looking at OECD countries to determine if a good Work Life Balance can improve population health and economy. If yes, we will identify a few better performing countries which Australia can adopt policies from. We would also like to know the contributing factors that can improve work life balance.

Questions:

1. How does Work Life Balance affect overall health.
 - a. Work Life Balance versus life expectancy and self-reported health - Miley
 - b. Work Life Balance versus Social support and time devoted to leisure - Miley
2. Work Life Balance versus Happiness index - Mime
 - a. Work Life Balance versus Freedom - Mime
3. How does Work Life Balance affect the Economy.
 - a. Work Life Balance vs GDP - Ishaan
 - b. Work Life Balance vs Corruption- Ishaan
4. Is the quality of Environment related to Health and happiness index?
 - a. Environment vs Health - Zach
 - b. Environment vs Happiness - Zach

Hypothesis:

1. Better work life balance leads to better overall health;
2. Work life balance has a positive correlation with happiness index;
3. Countries with better work life balance have a stronger GDP compared to countries that don't;
4. The quality of environment is also positively related to the health and happiness index.

Query tools:

We have decided to use:

- Python
- Sqlalchemy
- SQL – Postgres relational database
- Matplotlib
- Seaborn