

Capstone Project - The Battle of Neighbourhoods

Introduction and Business Problem

In economics, Okun's law is an empirically observed relationship relating unemployment to output. It states that.. "for every 1% increase in the unemployment rate, a country's GDP will be an additional roughly 2% lower than its potential GDP".

In our "increasingly mobile society" and globalized economy, working abroad is no longer a novelty for the fortunate few – it's an ordinary fact.

There are many exciting gains to be made by taking the plunge and settling overseas. It increases the possibility to find your "dream" job and it is also a great way to actually save money. Moving to another country offers plenty of opportunities for boosting your career, helping you to acquire new, varied skills and experience, and to establish an international network which may well pay dividends in the future.

So.. Looking for some inspiration about where to go?

Before you start working abroad:

- Find the **Top 10** countries with the greater **GDP**
- Find the **Top 10** countries with the lowest **unemployment rate**
- Combine your outputs and choose the country with the lowest unemployment rate and the highest GDP
- Deciding which **districts** would be the best to live, based on:
 - A. Rent prices \$\$-\$\$\$
 - B. Based on your personal preferences:
 1. Central location
 2. Check logistics: easy access to train station
 3. Near to bank/ATM
 4. Near to market
 5. Find a fitness centre/Gym for healthy living
 6. Find the top restaurants - miss my mum's food already
- Cluster these districts based on the similarities
- Conclude.