

Comparing Toronto and New York

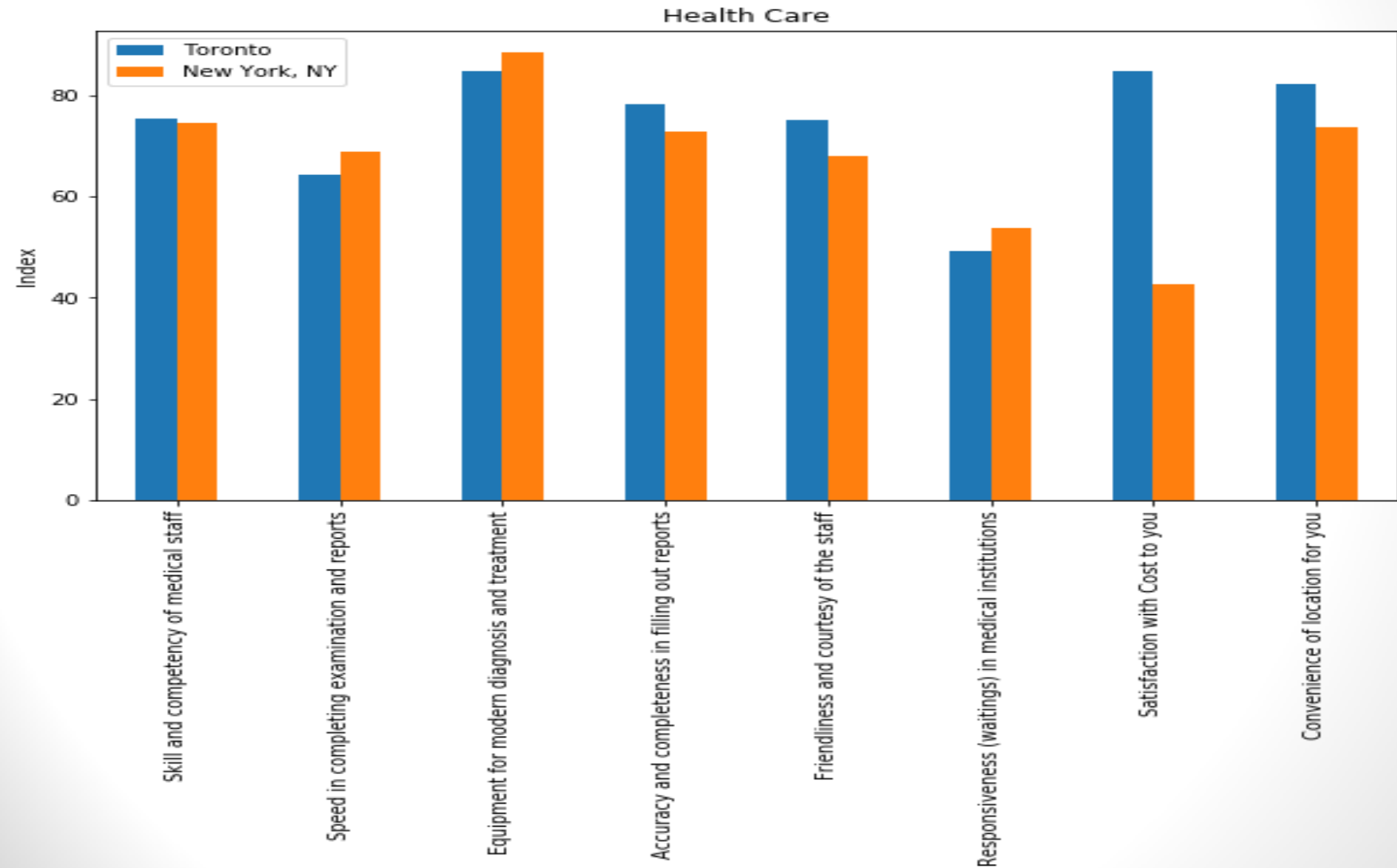
Introduction

- New York City and the city of Toronto are very diverse and are the financial capitals of their respective countries, both cities are multi-cultural cities .
- The objective of this project is to compare both cities to find how similar or dissimilar they are and provide insights for a person who is looking forward to move to either of these cities

Data acquisition and cleaning

- Data that might contribute to compare different attributes of the cities, data like average income and data which provide information on infrastructure and facilities like hospitals, schools, parks, etc.
- Here we can use Foursquare API and other data which are available online on different websites.
- I also used Google Sheets and it's API to handle the data and easily download the data into the notebook.

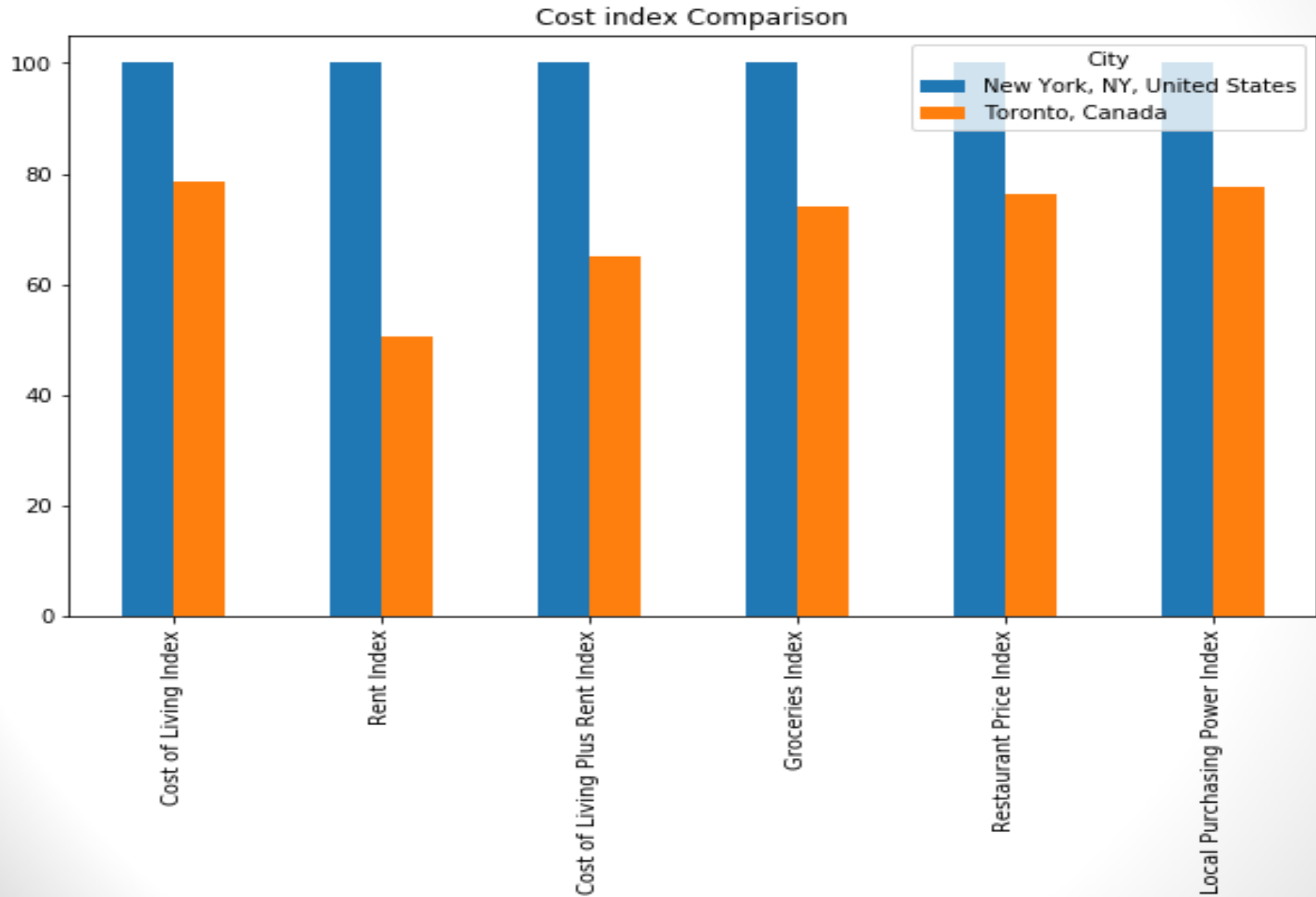
Healthcare



Healthcare

- This comparison reflects that healthcare facilities in both cities are almost the same
- there are some differences which are very small and can be neglected.
- The only main difference is the cost of healthcare. Cost is a major factor while considering healthcare and will affect the overall comparison.

Cost of living index



Cost of living index

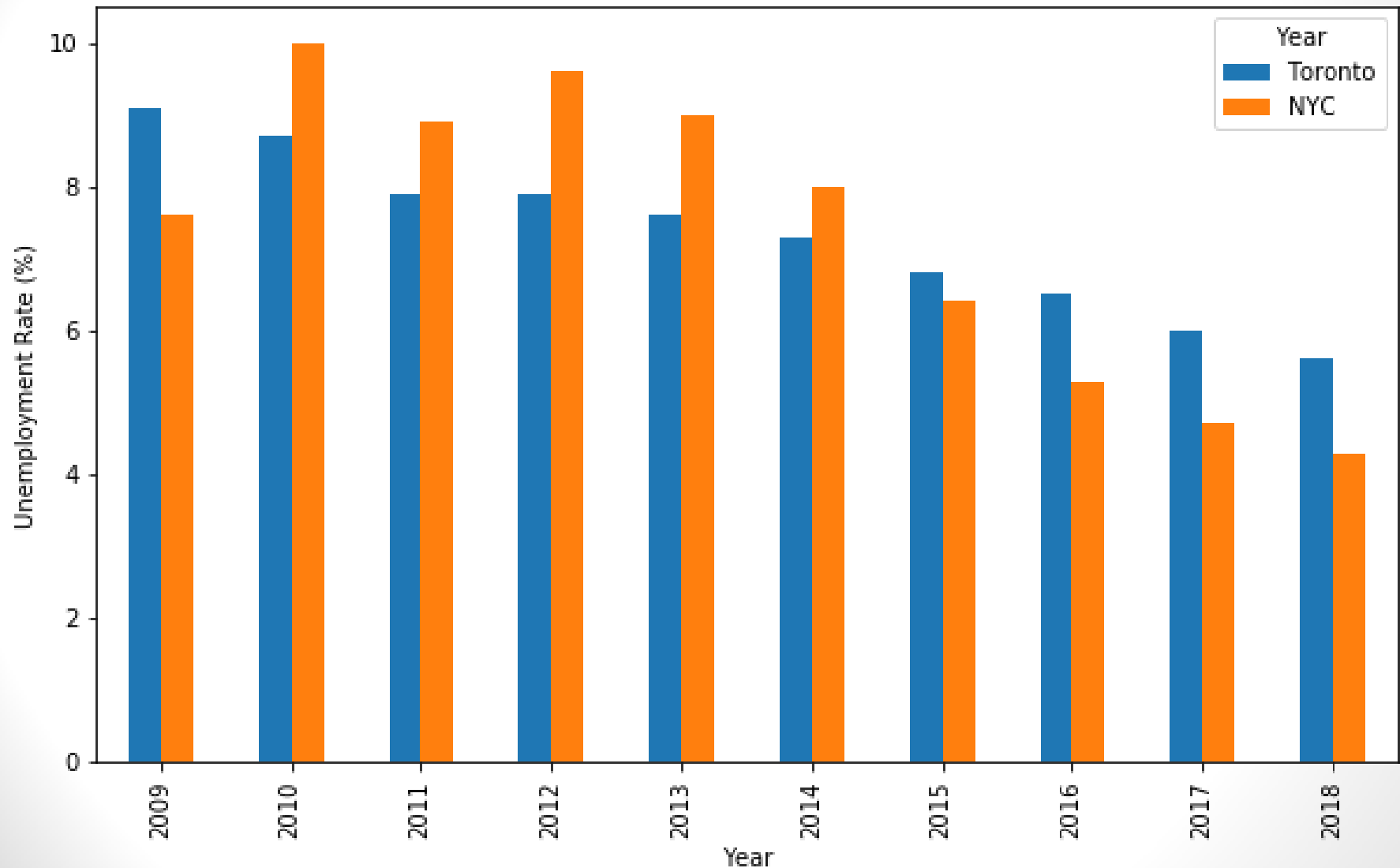
- A **cost-of-living index** is a theoretical price index that measures relative cost of living over time or regions.
- It is an index that measures differences in the price of goods and services, and allows for substitutions with other items as prices vary.
- From this plot it is clear that cost of living in Toronto less comparing to New York.
- . The plot also shows that purchasing power of a New Yorker is higher than Toronto.

Unemployment

- **Unemployment**, according to the Organization for Economic Co-operation and Development (OECD), is when persons above a specified age (usually above 15) are not in paid employment or self-employment and are currently available for work during the reference period.

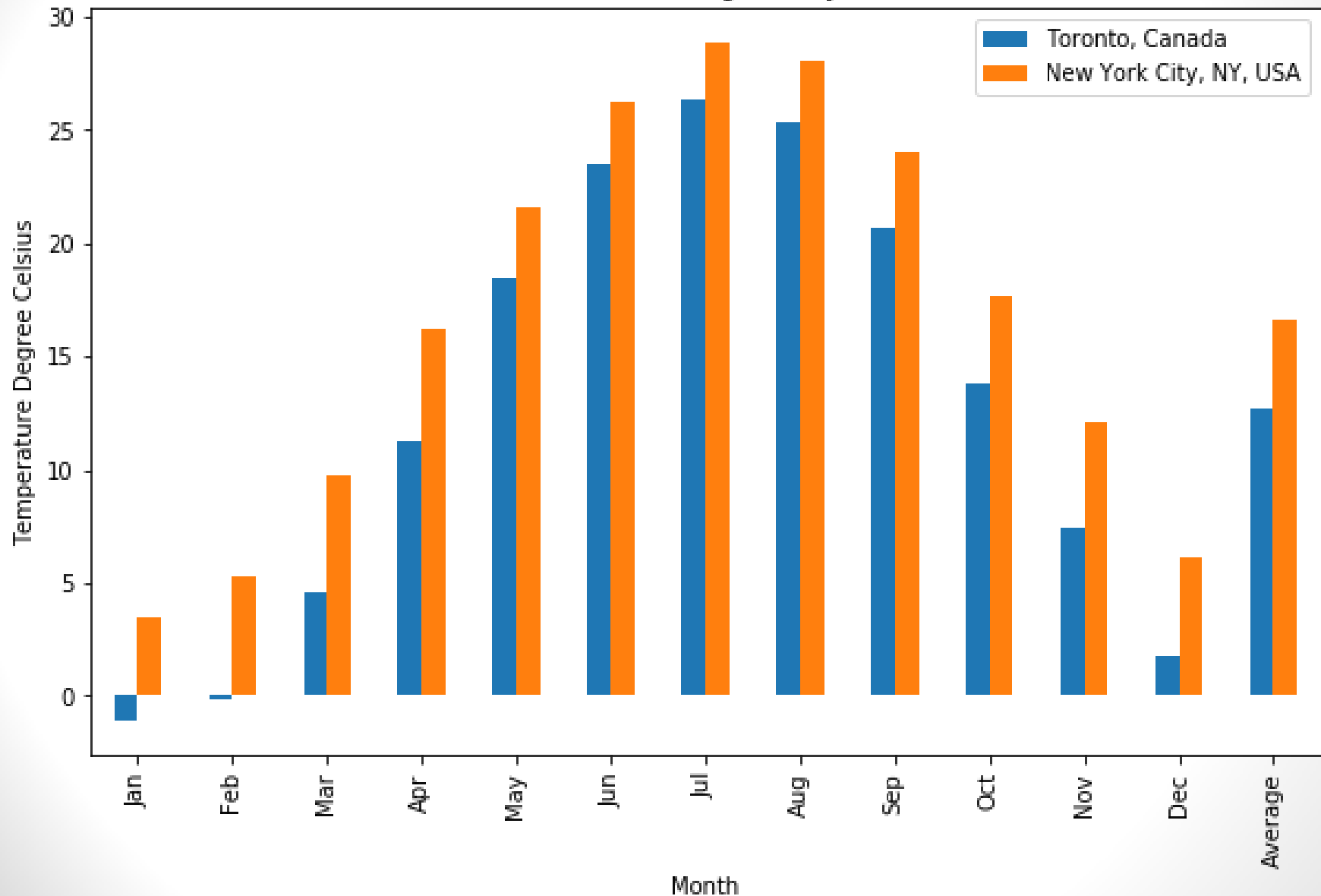
Unemployment

Unemployment Plot



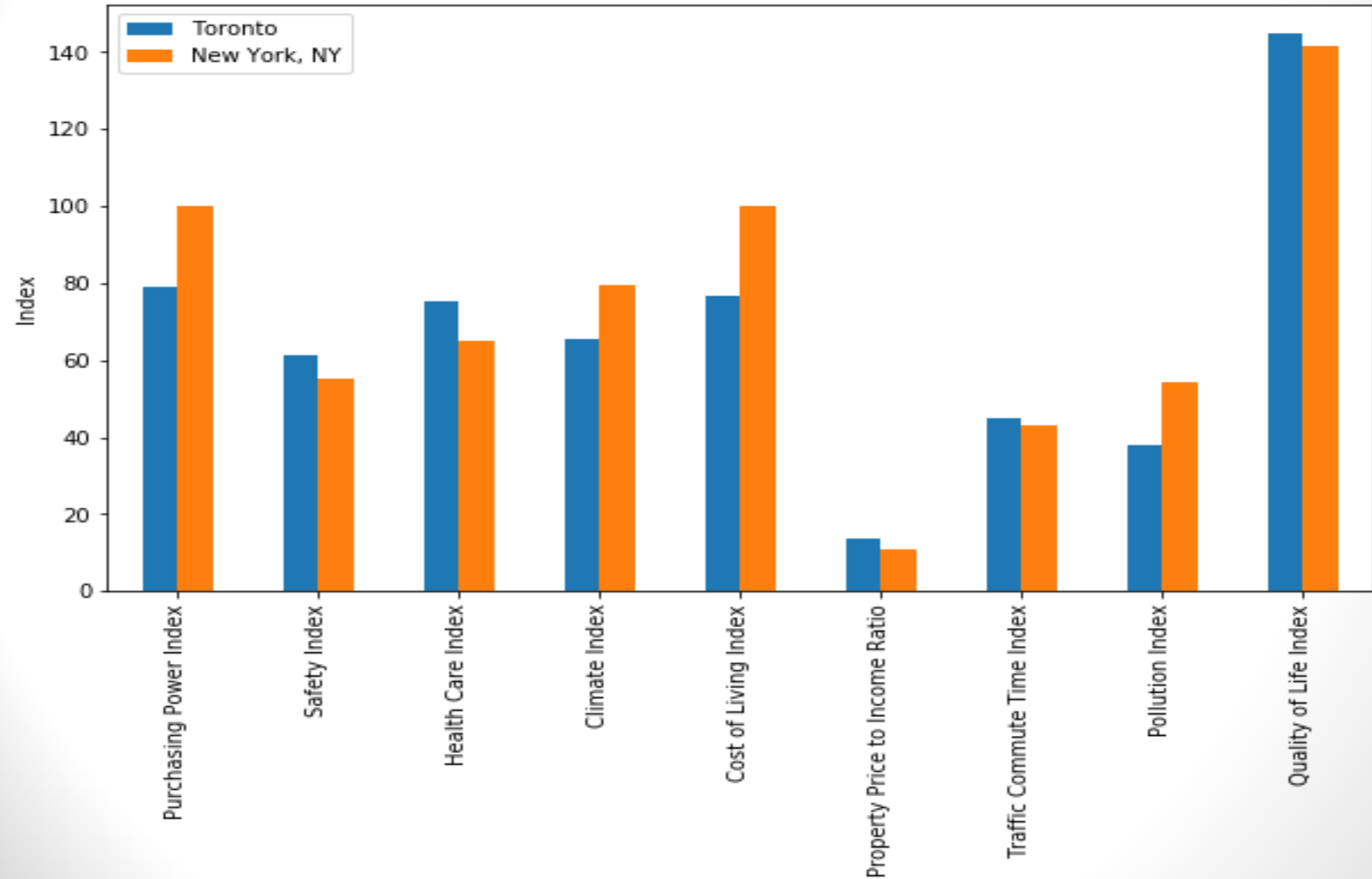
Weather

Weather throught the year



Quality of Life Index

Quality of Life Index



Conclusion

- Toronto and New York are among the world's best cities;
- both the cities have great economy, infrastructure and quality of life.
- When we compare these cities it is very hard to determine which city is the best to live in.
- Taking various factors into consideration we can conclude that Toronto is slightly better than New York to live in.