Which University is Better?

Zan Huang

Beijing Institute of Technology

dreaming_hz@hotmail.com

Abstract

World university ranking aroused great attention in decades. It serves as an important reference in pursuit of university and job offers. There are several influential ranking lists published and updated every year while each list stands for a unique evaluation system. Meanwhile, university ranking has always been ambiguous and controversial. In this paper, we explored several university ranking datasets and tried to get insight of what makes one university better than others.

1. Introduction

In this paper, we explored world university ranking dataset and carried out data analysis work to find key factors in making a university outstanding globally.

There are thousands of universities around the world and it can be difficult to determine which one is better. University rankings have a great impact on our daily life especially in eastern Asia. Whether we like it or not, university rankings deserve much more detailed analysis.

2. Related Work

People are in need of a complex and accurate ruler to measure education quality, lots of work have been done to get deeper insight of university ranking. We are reading papers concerns about this research fields, and this section will be fulfilled in the future.

3. Our Approach

We applied a typical data mining method for investigation of world university ranking problem.

4. Experiments

4.1. Data Wrangling

4.2. Data Visualization

5. Results

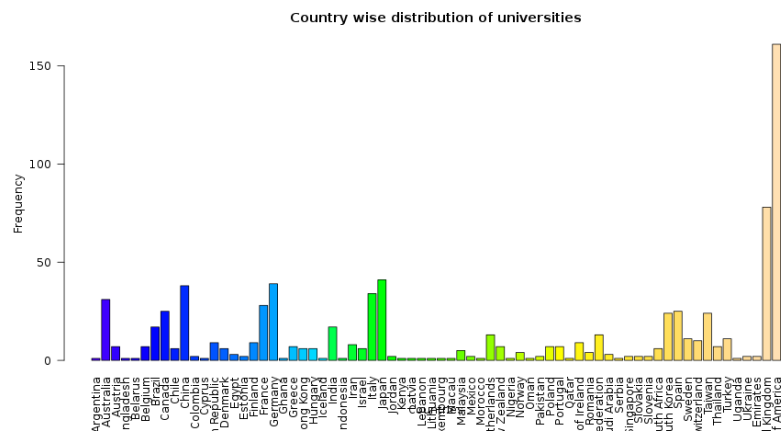## 5.1. Countrywise Distribution of Top 500 University

Figure 1. A Monarch butterfly

6. Conclusion

Actually, applying for universities is a personal affair, the one that fits you best should be the best college. And that differs from person to person. We analyzed university ranking data for assistance and reference in variance decision making scenarios.

References

[1] J. Fagerberg, D.C. Mowery, and R.R. Nelson, editors. *Oxford Handbook of Innovation*, volume 1. Oxford University Press, Oxford, 2004.

[2] Donald E. Knuth. *The TeX book*. Addison-Wesley, 1984.