World University Rankings

A. Data Source

The data for this project is an open-source data downloaded from Kaggle.com.
World University Rankings https://www.kaggle.com/datasets/mylesoneill/world-university-rankings

B. Data Collection

Of all the universities in the world, which are the best?

Ranking universities is a difficult, political, and controversial practice. There are hundreds of different national and international university ranking systems, many of which disagree with each other. This dataset contains three global university rankings from very different places.

C. Data Contents

University Ranking Data

The Times Higher Education World University Ranking is widely regarded as one of the most influential and widely observed university measures. Founded in the United Kingdom in 2010, it has been criticized for its commercialization and for undermining non-English-instructing institutions.

The Academic Ranking of World Universities, also known as the Shanghai Ranking, is an equally influential ranking. It was founded in China in 2003 and has been criticized for focusing on raw research power and for undermining humanities and quality of instruction.

The Center for World University Rankings, is a less well know listing that comes from Saudi Arabia, it was founded in 2012.

D. Data Profile

Columns	Description	Data Type
World rank	Rank of each university.	Quantitative
University name	Name of the university.	Qualitative
Country	Location of university.	Quantitative
Teaching	Teaching is the practice implemented by a teacher aimed at transmitting skills to a learner, a student, or any other audience in the context of an educational institution.	Quantitative
International	Rank of the university at international level	Quantitative
Research	The systematic investigation into and study of materials and sources, to establish facts and reach new conclusions.	Qualitative
Citations	Ranking of each source of information obtain for each university.	Qualitative
Income	Money that a business entity receives in exchange for providing a good or service or through investing capital.	Quantitative
Total score	Score that receives each university based in several categories.	Qualitative
Number of students	Number of students each university have.	Quantitative
Students staff radio	Student–teacher ratio or student–faculty ratio is the number of students who attend a school or university divided by the number of teachers in the institution.	Quantitative
International students	Number of international students from several part of the world.	Quantitative
Female-Male (Ratio)	Number of female students versus the male students.	Quantitative
Year	Year of rank	Quantitative

E. Limitation and Ethics

Limitation: There are multiple datasets and are from different years.

Ethics: This data does not contain any personal information. Data only contains geographical location and what makes them the world's best university.

F. Questions to explore.

a. How do these rankings compare to each other, given the data are from different years?
b. How can categories be better explained?