Capstone Project on University Success Analysis

MECE Breakdown (Mutually Exclusive Collective Exhaustive):

1) University Demographics & Distribution:

* Number of universities in each country.
* Distribution of international students across different countries.
* Country with the highest number of female students enrolled in universities.
* Distribution of universities across different countries.

2)University Ranking System Analysis:

* Number of universities ranked by each ranking system.
* Average score for universities according to each ranking system.
* Common criteria used by different ranking systems.
* Trend in university rankings over the years according to each system.
* Impact of the choice of ranking system on a university's international student enrollment.
* Criteria with different weights in different ranking systems.
* Trend in the weights of ranking criteria over time.

3)University Metrics and Performance:

* Most important criteria considered by ranking systems.
* Correlation between a university's score and the number of international students.
* Correlation between a university's ranking and its student-staff ratio.
* Correlation between a university's ranking score and the percentage of female students enrolled.
* Correlation between a university's ranking score and the student-staff ratio over the years.
* Impact of a university's ranking on the number of international students it attracts.
* Relationship between a university's ranking score and the number of students over time.

4)Trends and Patterns:

* Trends in the number of universities over the years in each country.
* Relationship between a country's GDP and the number of universities.
* Relationship between a country's population and the number of universities.
* Trends in university rankings over the years.
* Trends in the percentage of female students over time.
* Trends in the ranking score of universities over the years.