BoxTABLEAU FINAL PROJECT

## DATA SOURCE: KAGGLE

## DATABASE: WORLD UNIVERSITY RANKING

LINK to the PROJECT: <https://public.tableau.com/profile/harshita.menon.achat#!/>

<https://public.tableau.com/profile/harshita.menon.achat#!/vizhome/Tableau_Final_Project_Harshita_Menon_AchatWorldUniversityRanking/UniversityResearchDashboard>

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DESCRIPTION OF SHEETS AND DASHBOARDS

**SHEET-1: Average Scores of International Students for each University.**

Description: The **lollipop chart** represents the average scores of International students for each university. I also used the Dual Axis feature for the chart. I took University Name on Columns and Sum(International\_Students) on Rows and country in colours. The chart is in descending order.

**SHEET-2: Income of Alumni Employees**

Description: I’ve used the **Top N Filter feature** to represent the income of alumni employees. It is a side by side bar chart. I’ve used world rank as a filter and put income to colours. So the chart represents the alumni incomes of top 10 universities. The bar chart is in descending order.

**SHEET-3: Quality of Education.**

Description: The Quality of Education is a Packed Bubble chart. I used the **Percent of Total table calculation** that shows the percent of quality of education in each country. The United States has the highest quality of education.

**SHEET-4: Rank of intake of International Students for each Country.**

Description: This world map represents the rank of each country based on the intake of international students. I used the **Filter feature** and used the attribute Year to filter the chart from 2011-2016. The year can be changTreeed and the rank of each country can be seen.

**SHEET-5: Female to Male ratio in each University**

Description: This chart is a shared axis chart of male to Female ratio between Number of students and Number of international students. I used line chart to represent the male to female ratio for Number of Students and shape charts to represent the male to female ratio for International students. The charts are in descending order.

**SHEET-6: Publications based on Universities from different Countries**

Description: The line chart represents the publications of different universities from different countries. **Dual Axis** feature was used to obtain this chart and the chart is in descending order.

**SHEET-7: Research Patents and Publications of Top 20 Universities**

Description- The **Tree Map** represents the Research, Patents and publications of Top 20 Universities.

**SHEET-8: Research of each Country**

Description: The **Box and Whisker Plot** represents the research done by universities in each country. The chart is in descending order.

SHEET-9: Bullet Chart for Research and Citations of Top 25 Institutions

Description: The **Bullet chart** represents the research and citations of top 25 Instituitions. I’ve used the Top N Filter feature.

**SHEET-10: Number of International Students in each Country for the year 2015**

Description: I used the **Context Filter** feature to build a tree map and just represent the Number of International Students in each Country for the year 2015.

**DASHBOARD:1 University Research Dashboard**

Description: The dashboards gives information regarding the research, patent and publications of universities in different countries. I used the **Dashboard URL** link feature for the sheet-6. I gave the datasource link: <https://www.kaggle.com/mylesoneill/world-university-rankings>

**DASHBOARD-2: Student Intake Dashboard**

Description: The dashboard gives information about a countries quality of education and the student intake by each university in the country and alslo the male female ratio. I used the **Dashboard filter by providing a button that navigates to Sheet-1.**