

DATA VISUALIZATION USING TABLEAU

Topic: Student Mental Health

Problem Statement:

An engineering student gets into an intense argument with their non-engineering student over the topic that engineering students face more mental depression and suffering than other students. Use tableau to end this debate once and for all.

Focus Area: Education

Student Mental Health Data Visualization in Tableau:

- 1) I downloaded the .csv datasheet and converted to Excel file and uploaded it in Tableau.
- 2) In Sheet 1, I created a Calculated Field of the data, "Do you have Depression? Yes/No" and added it to the Row.

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IF [Do you have Depression?] == "Yes" THEN 1 ELSE 0 END
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- 3) Duplicated the "What is your course?" field and grouped the data into 'Engineering' and 'Non-Engineering' and added it to the Column.
- 4) I visualized the data using different 'Color Range' and 'Labels' and used different graphs in different Sheets.
- 5) I visualized all the data in a single screen by creating a dynamic Dashboard, and added Picture and Text, and linked the picture with the address of the Excel Sheet which opens when we click the picture.


