

# STUDENT ENROLLMENT ANALYSIS

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August 2023

**Introduction:** Understanding the enrollment dynamics in the Indian education system is important for education policy makers, institutions as well as researchers. This data set provides a compilation of student enrollment over a span of multiple academic years, showing differences between states, institutions, mode of learning and gender. When examining this data, we have established with an eye toward identifying patterns, gaps, and potential areas for improvement in the educational landscape .

**Motivation:** The motivation for choosing this dataset was to gain insight into the distribution of students across courses, and to help us to identify areas and institutions that may need more attention in terms of enrollment strategies and gender of various types. We also want to determine whether enrollment rates for students and national accomplishment measures are related. In the end, this research may serve as a guide for resource allocation and educational policy, leading to improvements in the educational environment.

**Visualization:** We plan to visualize this data set in several ways to predict the enrollment in a better way. Bar charts and pie charts provide insight into the distribution of enrollment based on institutions, mode of study and gender. Timeline charts allow us to track enrollment trends over the course of multiple academic years, providing a temporal perspective.

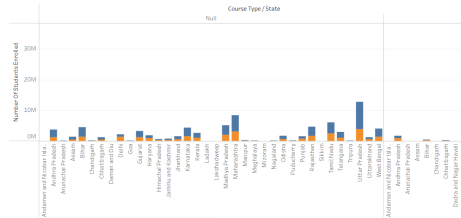


Figure 1: BAR GRAPH

**conclusion:** Through our analysis of the dataset, we expect to reveal differences in enrollment across states, highlighting gender imbalances and potential areas for improvement. Illustrations and visualization will help to present these findings clearly and easily.

**OVERLEAF LINK:** <https://www.overleaf.com/read/djrmwkjprgkq>