

Educational Improvements

➤ Objective:-

By using the provided data, we will analyse the performance of students across the different states and will summarize findings using visualizations.

➤ Data Consists of: -

1. Student performance data across different states.
2. Teacher qualification and training data.
3. School infrastructure and resource availability.
4. Attendance records
5. Socio-economic background of students.

➤ Insights:-

1. In the line Chart (average score by State)

- Goa state is showing highest average of students score.
- 65.92 is Mean and 68 is a median
- There is total 500000 students across the country.

2. The Bar Chart shows Average of Students performance across different States.

Goa state is showing 66.19 as average of students' performance i.e. highest average and Rajasthan is showing lowest average i.e. 65.60

3. Bar Chart Shows Average of score by Parent Education Level. It shows that students whose parents are post graduate scored highest marks. Average is 66.03

4. The table which is showing higher performance in states with better infrastructure indicates that there are 46398 computers in the secondary schools which is highest one though student average score is 66.01.

5. The Bar Chart which is showing Average of score by qualification – Highest average score of students is 65.98 where teachers have completed M.Ed.

Conclusions: -

1. In this project it will be concluded that Goa State is recommended for education as Average Performance of students is highest i.e. 66.19.

2. The teachers who have completed M.Ed. are contributing more for better performance of students as students' performance is higher.

3. Parents who are post graduate are also helping students in improving their performance as compared to other parents who are graduate, secondary, Primary and Higher Secondary.....

No of Students

500000

Parent Education

All

Mean

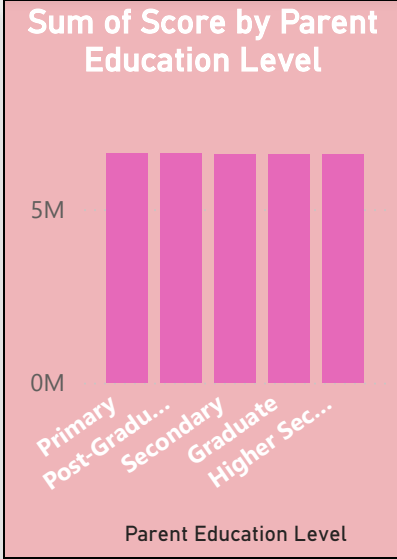
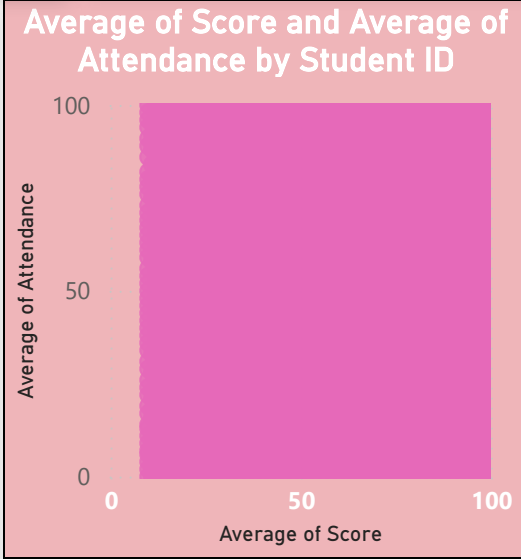
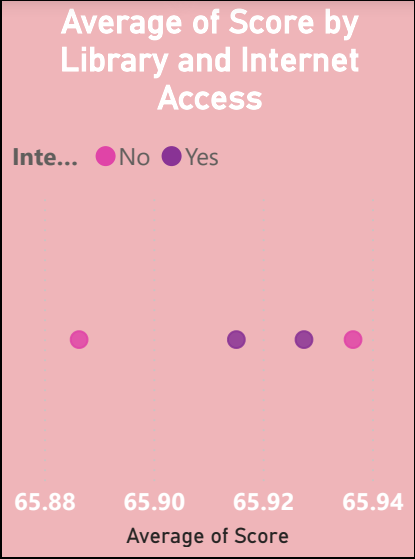
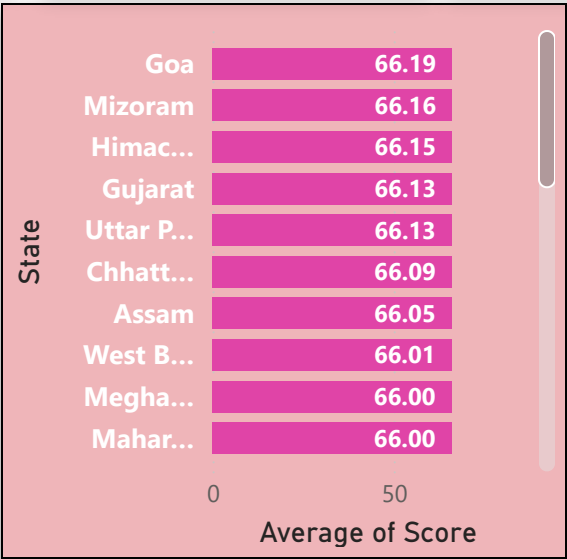
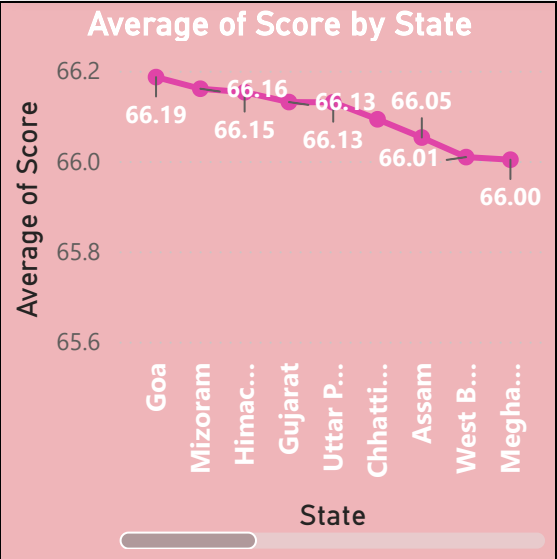
65.92

Median

68.00

States

Select all (Blank) Andhra Pradesh



Higher Performance in states with better infrastructure

State	Average of Score	Sum of Number of Computers
Andhra Pradesh	65.72	43484
Arunachal Pradesh	65.75	44648
Assam	66.05	44875
Bihar	65.62	42300
Chhattisgarh	66.09	43780
Goa	66.19	43821
Gujarat	66.13	43054
Haryana	65.85	41934
Himachal Pradesh	66.15	45248
Jharkhand	65.88	42915
Total	65.92	1222330

