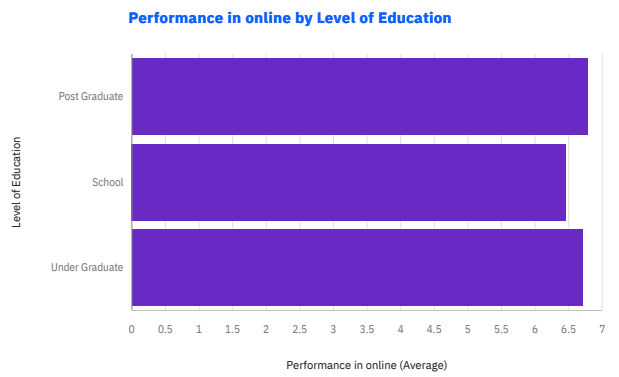


IN-DEPTH ANALYSIS OF ONLINE EDUCATION SYSTEM

Presented by Rajiv Kumar

Performance in online learning system by education level

- **Average Performance** in online is 6.96.
- **Post Graduate** Students **perform best** with average of 6.78.
- School students perform worst in online education.

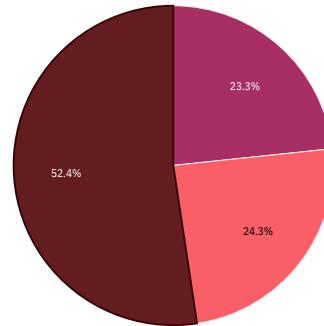


Satisfaction Level of Students

Majority of students are satisfied from online education system.

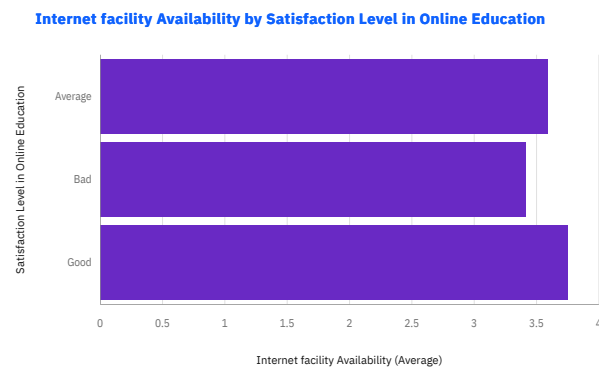
Satisfaction of students from online education

Satisfaction Level in Online Education
● Bad ● Good ● Average



Effect of availability of internet facility on Satisfaction Level

Availability of internet facility has average of 3.587.

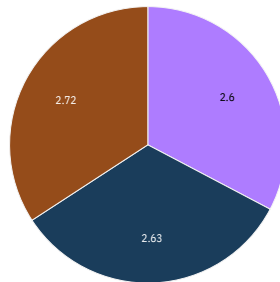


Device-wise Time Spent online

- Mobile device is mostly used to spent online time with average of 2.72 hours.

Time spent on social media (Hours) by Device Used

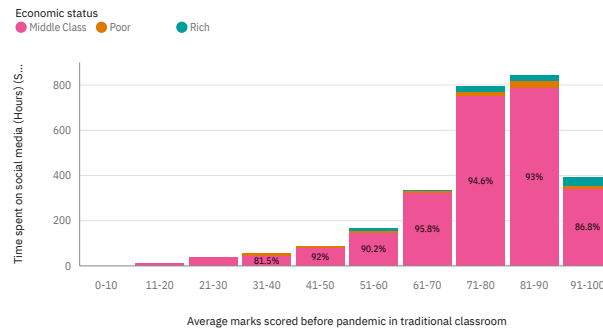
Device Used
Laptop Desktop Mobile



Relation across time spent online, average marks obtained and economic status of the students.

- **Middle class students** spent majority of time and they **score better marks**.
- Students belonging to **Poor economic status** scored **less**.

Time spent, and marks obtained by students belonging to different economic status

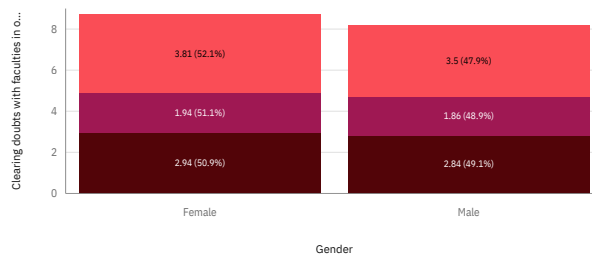


Relationship between satisfaction level and doubts clearance by male and female students

- **Students clearing doubts in online education system are more satisfied.**
- **Male students have low tendency to clear doubts from faculty in online mode of education and in result are less satisfied.**

Clearing doubts with faculties in online mode by Gender colored by Satisfaction Level in Online Education

Satisfaction Level in Online Education
Average Bad Good



Analysis of performance in online based on economic status and location of family

- **Rich students living in rural or urban area perform high.**
- **Students belonging to Poor economic status have performed low.**

Economic status, Home Location and Performance in online

Economic status	Home Location	Performance in online
Middle Class	Rural	6.72
	Urban	6.68
Summary		6.69
Poor	Rural	6.49
	Urban	6.07
Summary		6.37
Rich	Rural	9
	Urban	7.11
Summary		7.3
Summary		6.7

Analysis of performance in online based on economic status and location of family

- Middle class student use all the devices.
- Rich students spent more time on internet.

Internet facility Availability, Economic status, Device Used and Time spent on social media (Hours)

Economic status	Time spent on social m...	Internet facility Availa...	Device Used
Middle Class	2.57	3.75	Laptop
	2.63	3.52	Desktop
	2.81	3.25	Mobile
Summary	2.64	3.59	
Poor	1.87	2.81	Mobile
	2.44	3.17	Laptop
Summary	2.08	2.94	
Rich	2	4.5	Mobile
	3.43	4.64	Laptop

STUDY OF ECONOMIC STATUS AND DEVICES USED WITH SATISFACTION LEVEL

- Economic status Middle Class has the highest Satisfaction Level in Online Education at 954.
- Middle Class|Laptop is the most frequently occurring category of Economic status.

Economic status and Device Used colored by Satisfaction Level in Online Education sized by Satisfaction Level in Online Education



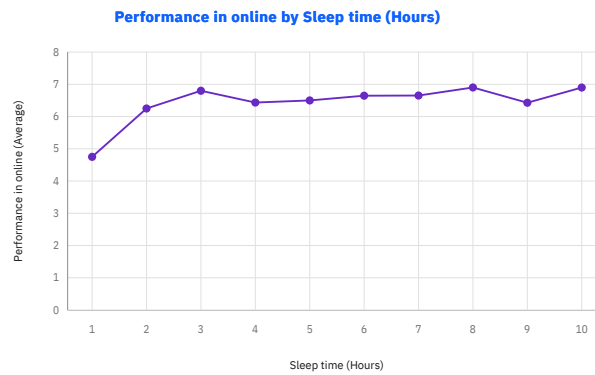
Filter(s) applied to the visualization(s) on the previous page:

Widget 1

Device Used Includes: Mobile, Desktop, Laptop

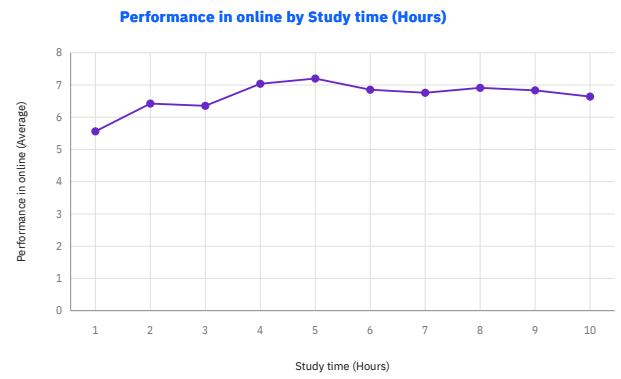
Effect of sleep time on performance of student in online education

- Moderate upward trend in performance level is observed with increase in sleep hours.
- Average of Performance in online is 6.696.



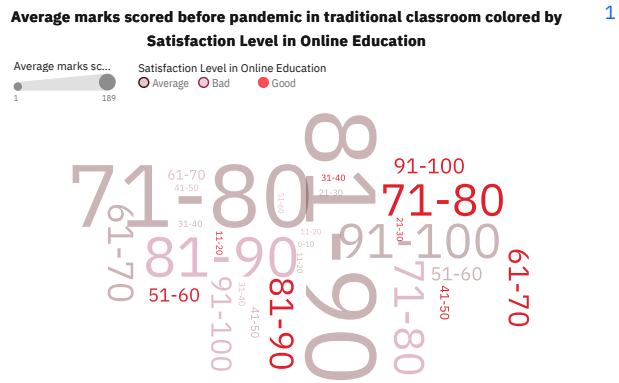
Effect of study time on performance of student in online education

- Average values of Performance in online range from 5.562, occurring when Study time (Hours) is 1, to 7.2, when Study time (Hours) is 5.
- Average of Performance in online is 6.696.



Performance in traditional classroom and in online education

Most of students are satisfied on average during online education.



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

Gender Includes: Female, Male

Satisfaction Level in Online Education Includes: Good

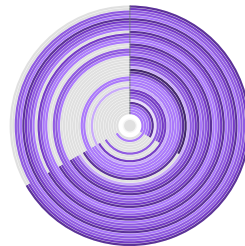
Satisfaction Level in Online Education and Your interaction in online mode

Interaction in online mode helps in achieving Satisfaction Level in Online Education on average of 27.4 % of the total.

Satisfaction Level in Online Education and Your interaction in online mode

1

Performance in on...



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

Home Location Includes: Rural, Urban