Online Education Home Page

Description

## Online Education Pros and Cons

Online education system is a way of delivering educational content and instruction through the internet, using different platforms and formats. Online education system can include synchronous learning, where students and teachers interact in real-time, or asynchronous learning, where students access the materials at their own pace. Online education system can also use various media, such as text, audio, video, animation, simulation, games, etc., to enhance the learning experience.

### Pros
- It provides access to a variety of courses and subjects, from basic to advanced levels, across different disciplines and domains
- It offers flexibility and convenience in terms of time and place. Students can learn anytime and anywhere, as long as they have an internet connection and a device
- It reduces the cost of education for both students and educators. Online education eliminates the expenses related to transportation, accommodation, meals, books, etc., that are usually associated with traditional education.
- It enables personalized learning for each student. Online education allows students to learn at their own pace and level, according to their needs and abilities

### Cons
- It lacks social interaction and collaboration among students and teachers
- It requires reliable technology and internet access. Online education depends on the availability and quality of technological devices and internet connection, which may not be accessible or affordable for everyone
- It increases the risk of procrastination and distraction. Online education demands a high level of self-discipline and motivation from students, who have to manage their own time and work independently.
- It raises concerns about the quality and credibility of online courses. Online education may vary in terms of the quality of content, instruction, assessment, and accreditation. Some online courses may not meet the standards or expectations of students, employers, or educational authorities

## About Dataset

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Pandemic has influenced all spheres of the humanity. COVID-19 impacted the education vertical in larger manner. Traditional classroom environment plays a very vital role in molding the life of an individual. Bond nurtured in the early ages of the life acts as the great moral support in the latter stages of the journey. As the pandemic has forced us into online education, this data collection aims to analyze the impact of online education. To check out the satisfactory level of the learners, review was conducted.

**Gender –** Male, Female

**Home Location –** Rural, Urban

**Level of Education –** Post Graduate, School, Under Graduate

**Age –** Years

**Number of Subjects –** 1- 20

**Device type used to attend classes –** Desktop, Laptop, Mobile

**Economic status –** Middle Class, Poor, Rich

**Family size –** 1 -10

**Internet facility in your locality –** Number scale (Very Bad to Very Good)

**Are you involved in any sports? –** Yes, No

**Do elderly people monitor you? –** Yes, No

**Study time –** Hours

**Sleep time –** Hours

**Time spent on social media –** Hours

**Interested in Gaming? –** Yes, No

**Have separate room for studying? –** Yes, No

**Engaged in group studies? –** Yes, No

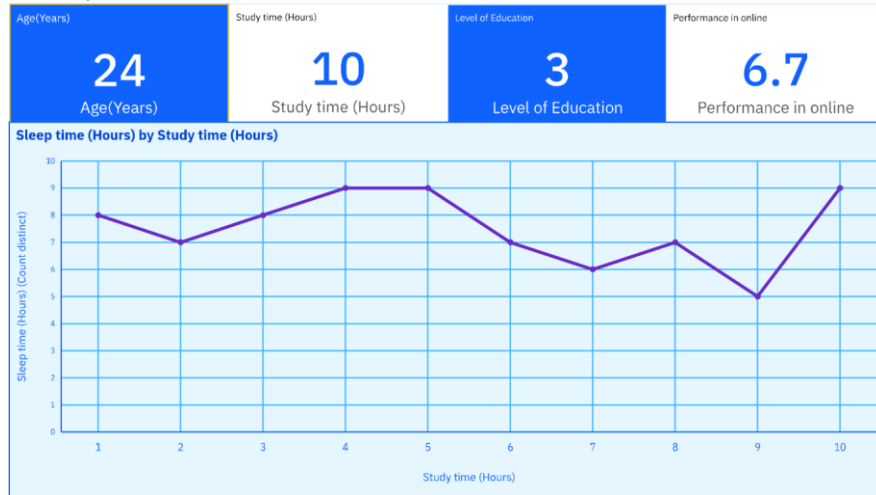**Average marks scored before pandemic in traditional classroom –** range

**Your interaction in online mode -** Number scale (Very Bad to Very Good)

**Clearing doubts with faculties in online mode -** Number scale (Very Bad to Very Good)

**Interested in? –** Practical, Theory, Both

**Performance in online -** Number scale (Very Bad to Very Good)

Data Analysis

| Age(Years) | Study time (Hours) | Level of Education | Performance in online |
|---|---|---|---|
| **24** | **10** | **3** | **6.7** |
| Age(Years) | Study time (Hours) | Level of Education | Performance in online |

**Sleep time (Hours) by Study time (Hours)**

Age and Performance Review

Age(Years)

## 24
Age(Years)

Performance in online

## 6.7
Performance in online

Performance in online by Age(Years)