

Effects of COVID-19 on Students

Data by itself is often meaningless on its own. It is necessary to make the data understandable for people. One method to use to make the data understandable is to visualize the data with graphs. In this study, I used the answers of the survey made by three students named Kunal Chaturvedi, Dinesh Kumar Vishwakarma and Nidhi Singh. This survey was conducted with 1182 students in Delhi. The aim of their work was to investigate the impact of coronavirus on students' social life, education life, mental health. I also wanted to make the data that they reach more understandable by visualizing it. By the way, I would like to point out that choosing the subject to study and finding the appropriate data was the first of the most difficult stages for me. Then I started by choosing the questions that I thought would be suitable for my study, since I thought that the answers to all of their questions were not suitable for my study. The answers I chose were related to the students' online course experiences, the mediums they used in the online class, the change in their weight, the social media platforms they preferred, the stress busters, and the time they spent for activities. The second step for me was deciding where to visualize this data (step of creating the chart environment) and I decided it would make sense to create the charts with the Datawrapper and Excel Pviot Tables. The other challenge I had was getting the data into shape for graphing. Even though my inexperience in this matter forced me a little, as a result of a few researches I made, I organized the data in Excel as I wanted. Then I visualized some of my charts with Datawrapper and some with Excel Pviot Tables Charts. I learned during the period that another important issue in data visualization is to ensure that the graphics are understandable and do not contain unnecessary information, image etc. I was aware that there should be no unnecessary information, text and pictures in my graphics. In my first charts, I realized that I couldn't arrange some data correctly and had to rearrange the data. I created the charts the way I wanted by trial and error method. I tried to choose the chart formats according to the data. I have completed my visualizations using the chart bar, column chart, pie diagram and donut chart. At the same time, I tried to pay attention to the fact that the graphic colors are simple and not tiring on the eyes. The final step was to interpret and explain the charts. I tried to fill in this part a little more with my research.

In summary, when I came to my purpose in this study, even though the COVID-19 pandemic has affected all humanity, it was to try to better understand how it was lived through the eyes of students. It was also to try to reveal what they spent time on, their experience and which of some options they chose. I think that one of the groups most affected by this period is students. As a student, it was very difficult for me to adapt to online education, to maintain my motivation during this period and to get used to this order. It continues to be difficult for all of us. We got used to this difficult period for all of us as we are used to everything and tried to keep up with life. Although I know that the charts I created may not be able to fully explain the impact of this period, I think that the answers given by a small group of students will help us shed light on students all over the world.

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