

The change In marrIage and dIvorce rates due to the pandemIc In Turkey   
report

*Knowledge Mapping and Data Visualization*

*MIS 376*

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*The change in marriage and divorce rates due to the pandemic in Turkey*

First of all, when choosing a research topic, I set out from the country's agenda and what kind of problems other people in Turkey have experienced. As a result, I decided that the topic should be 'The change in the rates of marriages and divorce due to the pandemic in Turkey', considering the difficulties that people had in dealing with both marriage and divorce during the pandemic.

Let's take an example of the problem, the fact that couples who want to get married cannot get a wedding day due to restrictions, they want to have their wedding without any restrictions, even they do not want to wear masks at the wedding may be among the reasons for the decline in marriage rates in 2020 compared to 2019.

If we talk about divorce, the reason for divorce is that couples think that they cannot manage this marriage by spending more time with each other due to restrictions and the negative effects of the epidemic on human psychology and health, but people do not find the opportunity because the cases are postponed due to restrictions.

Later, I searched the internet to find the relevant data, but I could not find a ready data set. Therefore, I found the marriage and divorce statistics published by ‘TÜİK’ every year, and I was lucky that they specifically explained the effect of the pandemic and added its data to the statistics. I wrote this data in separate excel files and used it by creating the relevant data set in this way. Although it is a bit tiring, I am happy to get the data I want. The data I prepared is as follows;

• Number of couples married between 2019 - 2020,

• Number of divorced couples between 2019 - 2020,

• Number of marriages by months (2019, 2020),

* Number of divorces by month (2019, 2020),

• 10 provinces with the highest and lowest crude marriage rates, (2020)

• 10 provinces with the highest and lowest crude divorce rates, (2020)

In fact, when I compared the information I got, I was surprised that the divorce rate was lower in 2020 than in 2019 because there were reports everywhere that the peace at home was decreasing and divorce applications were increasing due to people spending too much time in the same house, but the statistics said the opposite. Later I thought it was because of the restrictions and it made sense.

Then I visualized this data using Infogram, a data visualization tool. Infogram was really useful in this regard, it was easy to use, it contained many graphic types and it was possible to upload the relevant dataset without changing its format. In this way, I created 6 charts as I mentioned above. I then turned these charts into a presentation with their respective explanations. Finally, I presented the presentation and graphics I prepared in the video.