A data analysis was carried out on the historical data about disasters in Bangladesh collected from 1904-2022.

Note: [This dataset was created from data of disasters in Asia]

The target of the analysis is to find out the answer to the following questions:

1. Which type of disaster affects Bangladesh the most?
2. What time of the year most of the disasters occur?
3. Which area of Bangladesh is most affected by disaster?
4. Which location has the most casualties caused by disaster?
5. Which disaster caused the most damages?

Step 1: Data Cleaning operation will be carried out on the dataset – “bangladesh\_output.xlsx”.

1. We will drop the columns unrelated to the questions. As we are solely focusing on the disasters in Bangladesh, we’ll drop the columns - “ISO”, “Region”, ”Continent”, ”Country” as they are not needed for the analysis. We’ll also drop – ” Reconstruction Costs ('000 US$)”, “Reconstruction Costs, Adjusted ('000 US$)”,”Insured Damages ('000 US$)”, ” Insured Damages, Adjusted ('000 US$)”, as there are no data available for them, and update the dataset after removing all the unneeded columns.