Objectives

1.From 2000 to 2022, determine the top 5 countries in Southeast Asia in terms of the most damaged country based on overall damage to the least damaged country.

2. Obtain information on the countries of Southeast Asia, which will be ranked from worst to best in terms of overall property damage.

3. Determine which of the top five countries caused the most damage in terms of total deaths between 2000 and 2022.

4. Determine which flood subtype is the primary cause of overall damage in the top five countries.

Data Sets Normalization

Data normalization substantially aids in the reorganization and use of data acquired from multiple sources. It also increases data simplicity for group members, allowing for a more efficient method to generate data visualizations to focus on the main sections of a data collection by effectively suspending the unnecessary entries from the presentation to avoid data anomalies. The data set that has to be normalized is the South East Asian Countries 2000-2022 data collection since it contains rows that will not be useful for this project such as the Origin, Location, CPI, Adm Level, Admin1 Code, Admin2 Code, Geo Locations, Dis Mag Value, Dis Mag Scale, Latitude, Longitude, Local Time and River Basin. These filter rows will be deleted.

The analysts used Microsoft Excel to normalize the data set. Simply select the filter option from the home tab, then the sort and filter options from the menu. The filters were then applied to the selected data range using an arrow in the higher rows that were chosen to be filtered.