

# NATURAL DISASTER ANALYSIS DASHBOARD



An **interactive dashboard** built using **Python**, **Plotly**, and **ipywidgets** to analyze natural disasters between **1900–2021**.

### How it works (User Interaction):

- **Year Range Slider** → Select any custom time period (e.g., 1950–2000).
- **Disaster Type Selector** → Focus only on floods, earthquakes, storms, etc.
- **Dynamic Charts Update Instantly** when filters are applied.



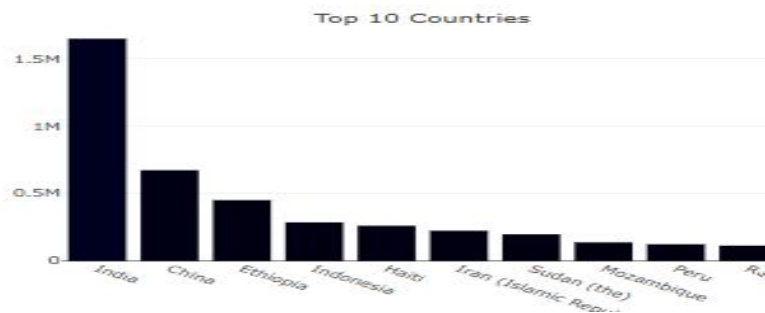
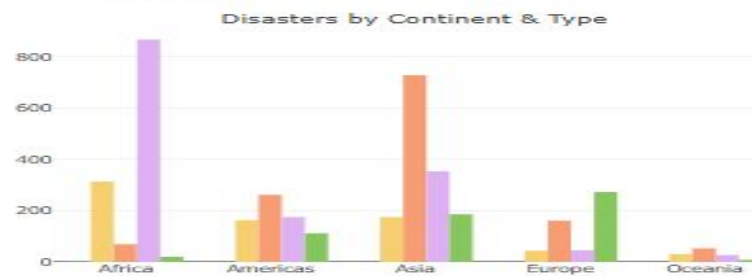
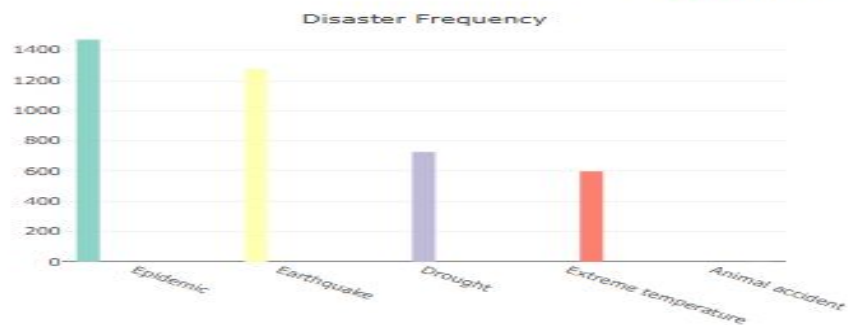
Year Range: 1950 - 2020

Disaster Type

- Animal accident
- Drought
- Earthquake
- Epidemic
- Extreme temperature
- Flood

Metric	Value
Total Disasters	4071
Total Deaths	7795766
Total Affected	3755768035
Total Damages	3437609218

## Natural Disasters Dashboard (1950-2020)

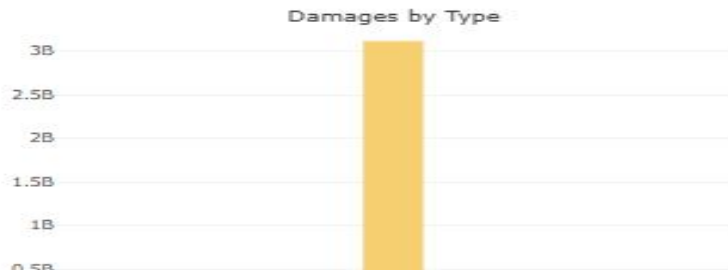
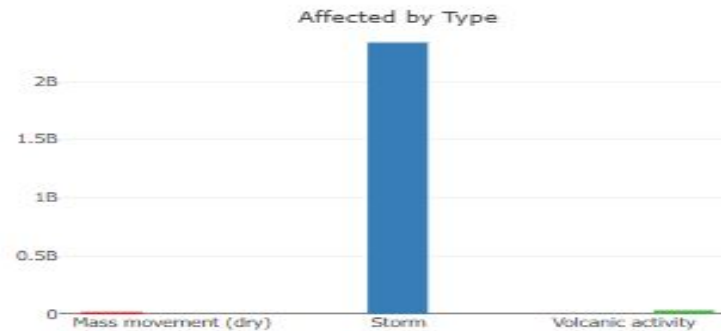
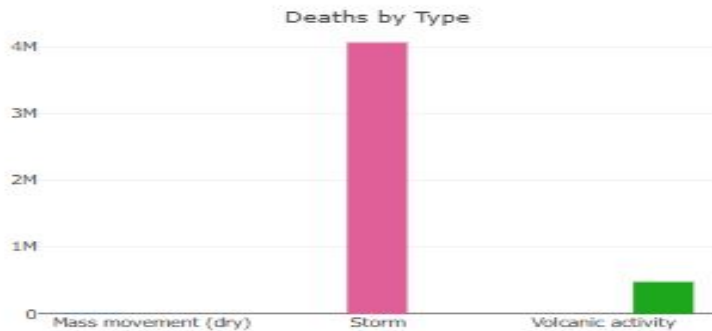


Year Range: 1950 – 2020

Disaster Type

- Insect infestation
- Landslide
- Mass movement (dry)
- Storm
- Volcanic activity
- Wildfire

### Natural Disasters Impact Dashboard (1950–2020)



Year Range:  1900 - 2020

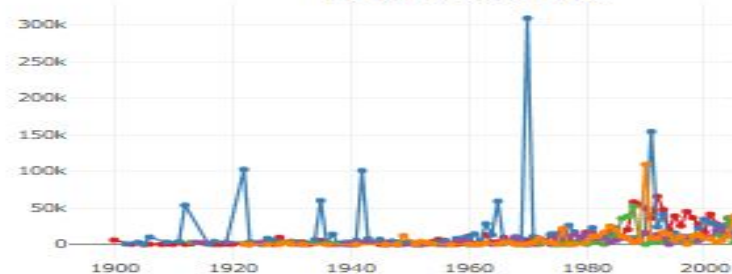
Disaster Type: ☐ Insect infestation  
☐ Landslide  
☐ Mass movement (dry)  
☐ Storm  
☐ Volcanic activity  
☐ Wildfire

### Natural Disasters Trends Dashboard (1900-2020)

Disasters per Year



Deaths per Continent



Damages per Year



Affected People per Year

