Analysis of Rainfall in India

18CSE301J - INFORMATION VISUALISATION

An Analysis by:

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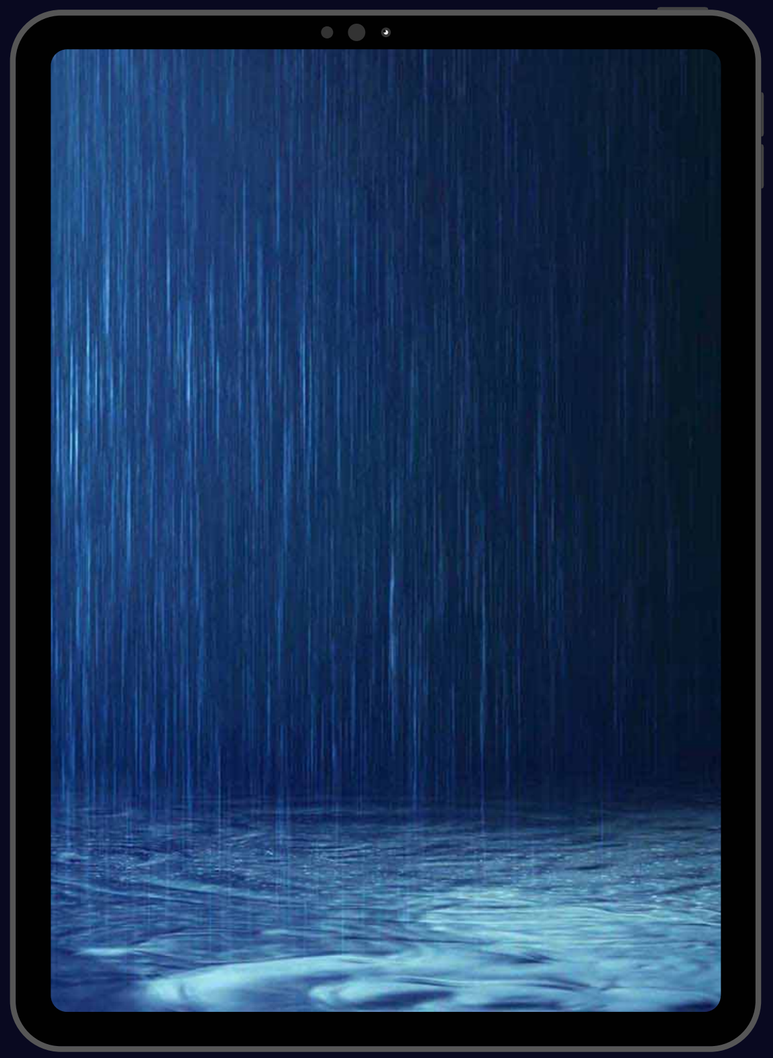
DATA SOURCE

Data for this project is taken from a rainfall data aggregator called india.un.org, we are using the historical data of rainfall ordered by UN.

DATA DESCRIPTION

The rows represent Subdivision and the Columns contains rainfall in each month contain the following data:

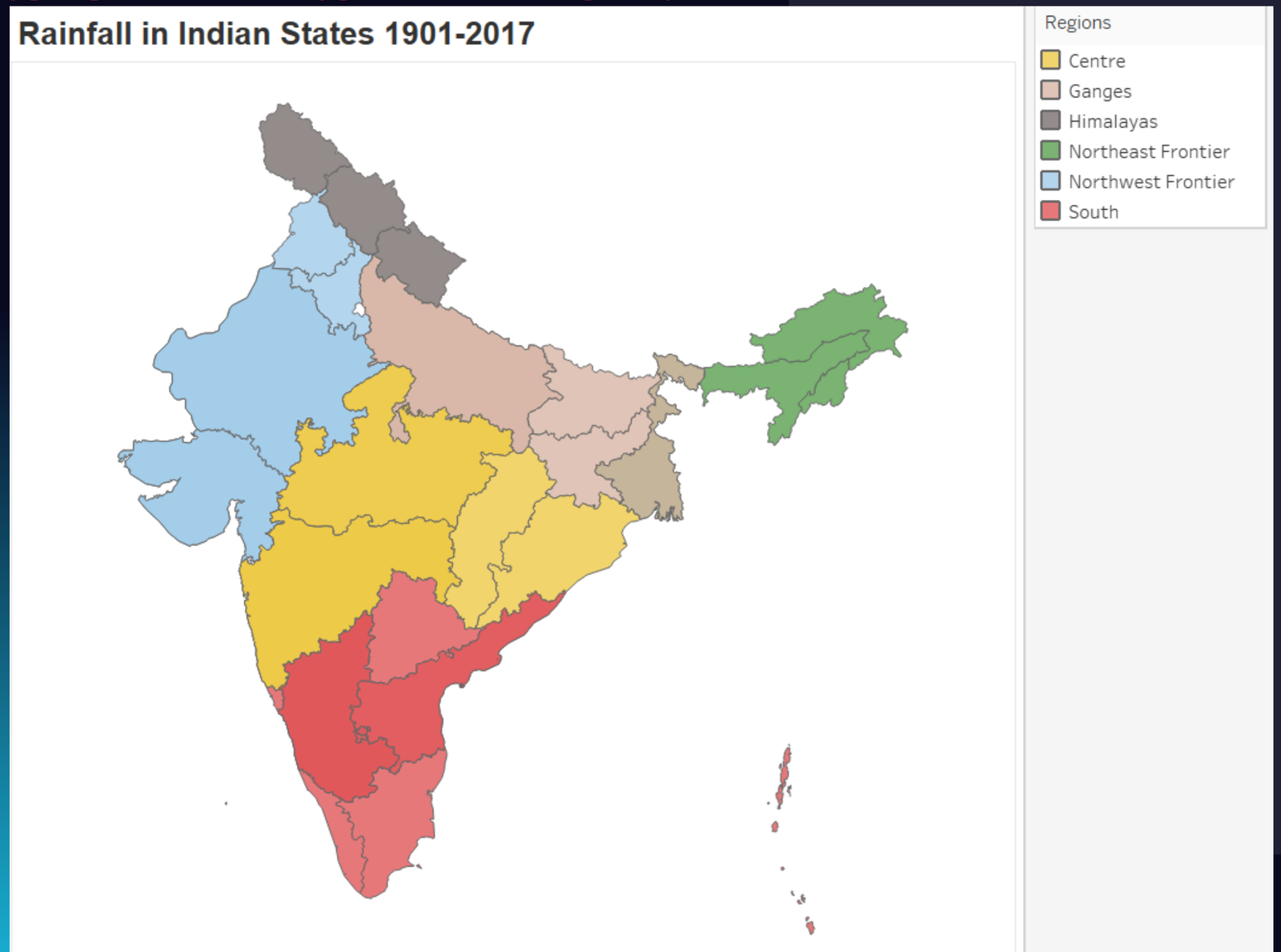
- Year
- Months
- Subdivision
- Latitude
- Longitude
- Annual
- Jan-Feb
- Mar-May
- June-Sep
- Oct-Dec



Story Telling

This story will explore the social, economic, and environmental implications of rainfall in India, including the effects on agriculture, water resources, public health, and the overall well-being of local communities. It will also investigate the government's response to these challenges, including policies and programs aimed at mitigating the impact of extreme weather events. By examining the diverse perspectives of individuals and communities across India, this story will provide insight into the complex and multifaceted nature of India's relationship with rainfall.

THE VISUALISATION



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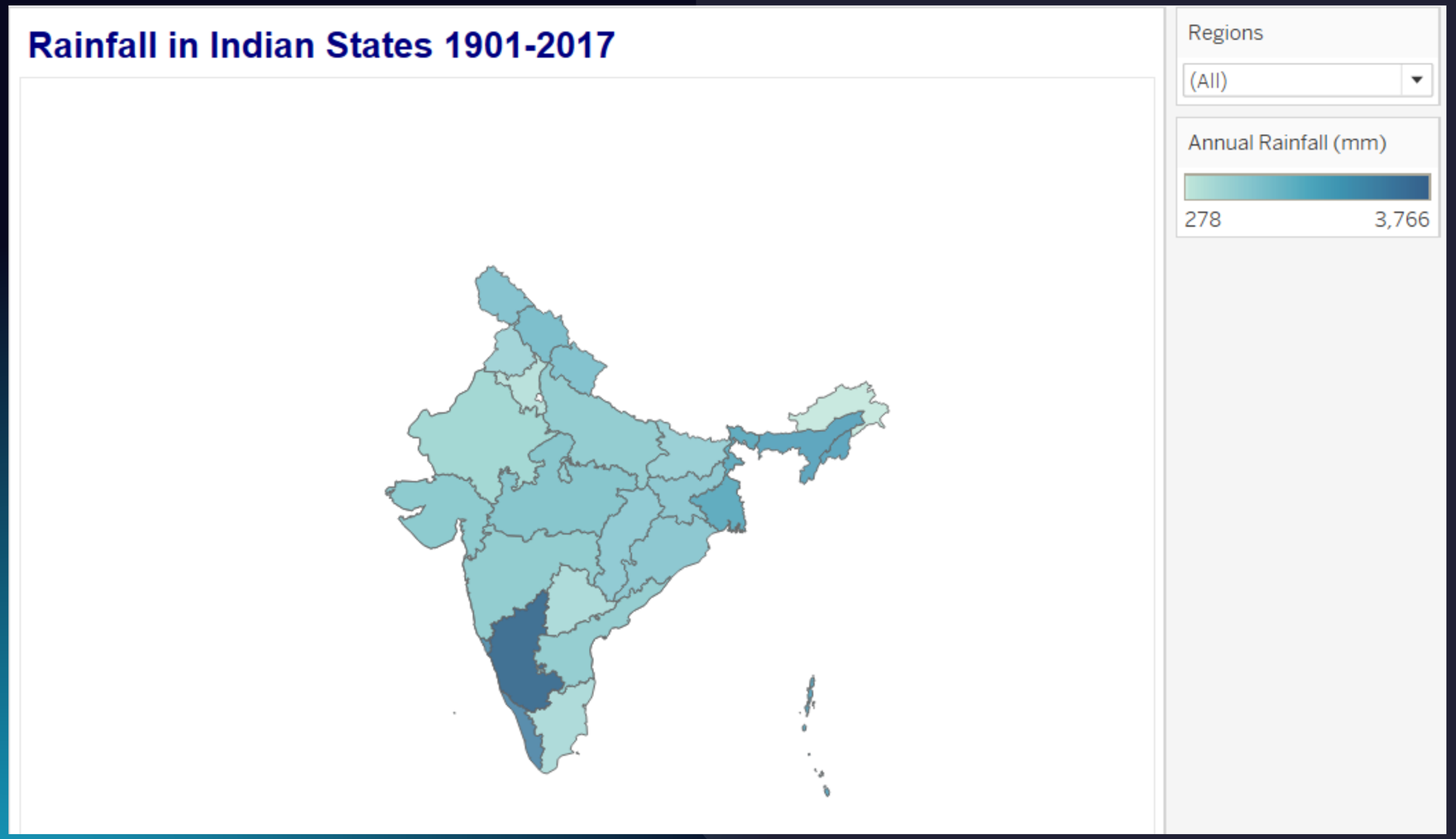

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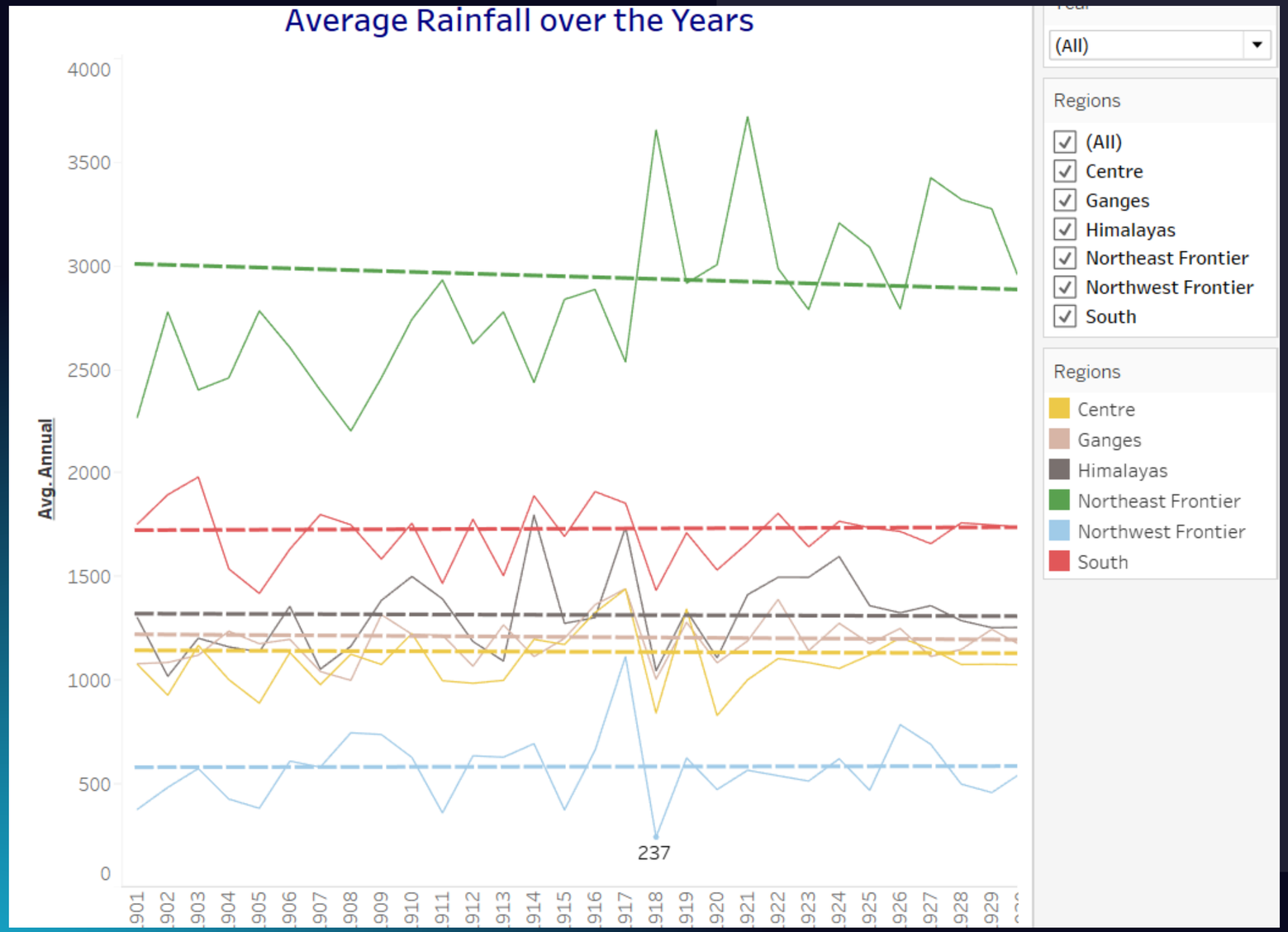

Who will be interested?

There are several groups of people who may be interested in the analysis of rainfall in India, including:

- **Farmers:** Rainfall is a critical factor that determines crop yields, and farmers need to know the expected rainfall patterns to plan their agricultural activities.

- **Meteorologists:** Scientists and weather experts who study climate and weather patterns may be interested in rainfall analysis to gain insights into India's climate patterns.

- **Environmentalists:** Rainfall analysis may be useful in understanding the impact of climate change on India's environment, including changes in water resources, biodiversity, and other natural resources.

- **Water resource managers:** Analysis of rainfall is important for managing water resources, including irrigation, hydroelectric power generation, and drinking water supply.

- **Government agencies:** Various government agencies involved in disaster management, agriculture, and infrastructure planning may use rainfall

Thank you