

Group name - GMS

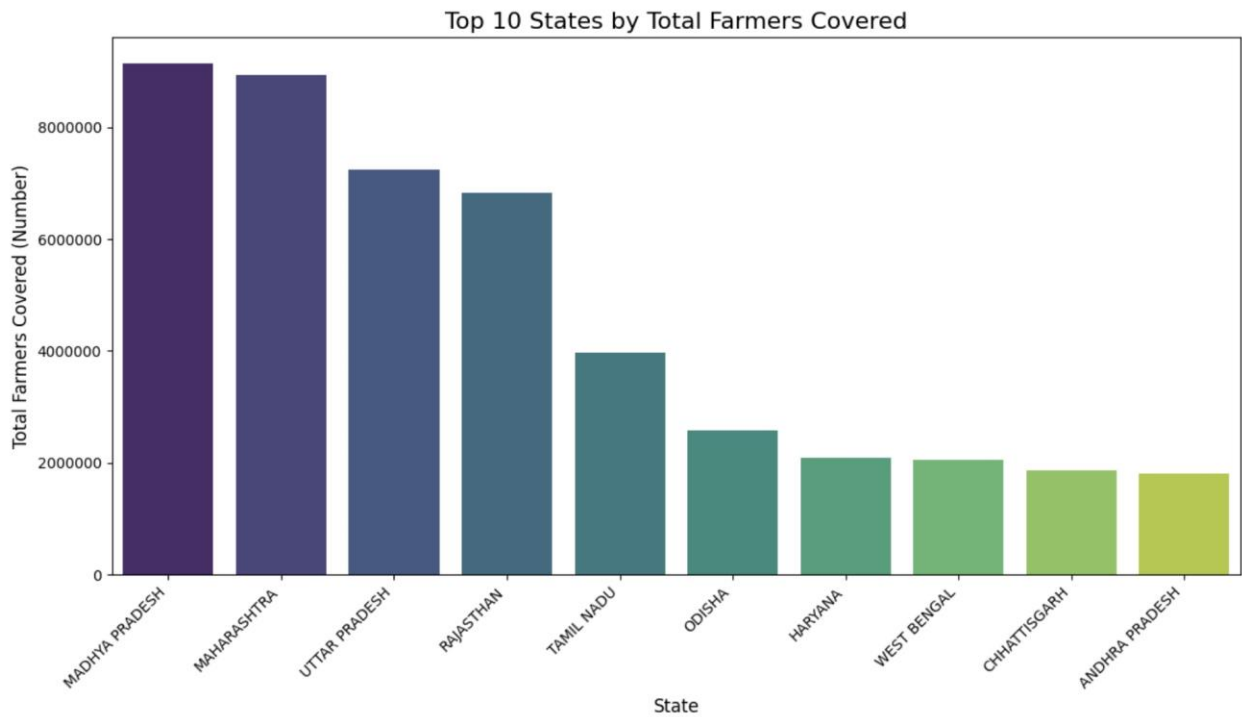
ACPML - MySQL - Farmers Insurance Analysis_GMS

This report analyzes data from the Pradhan Mantri Fasal Bima Yojana (PMFBY) to uncover patterns and trends in farmers' insurance coverage across Indian states and districts.

Visual Analysis

Graph 1:Top 10 States by Total Farmers Covered

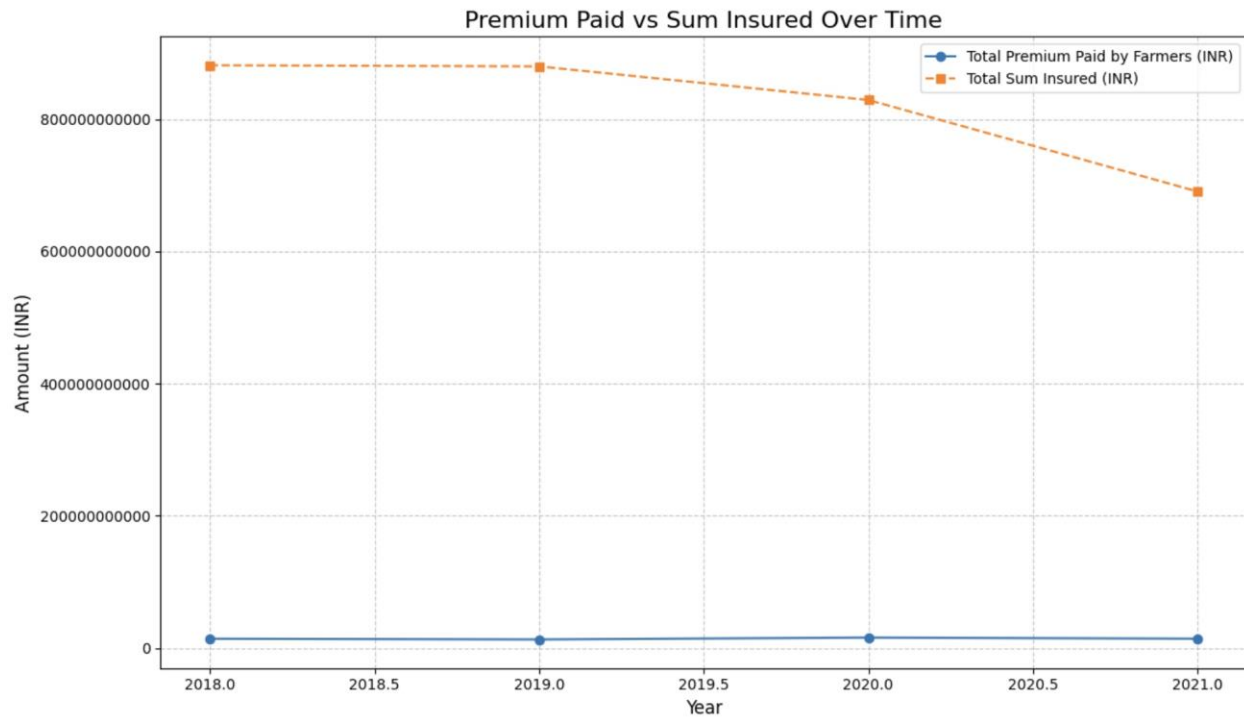
This bar chart showcases the top 10 states with the highest aggregate number of farmers insured under PMFBY across the available data. It helps identify regions with the most significant insurance penetration and highlights leaders in scheme participation. For example, analysis shows states like Madhya Pradesh, Maharashtra, and Uttar Pradesh leading.



Graph 2:

Premium Paid vs Sum Insured Over Time

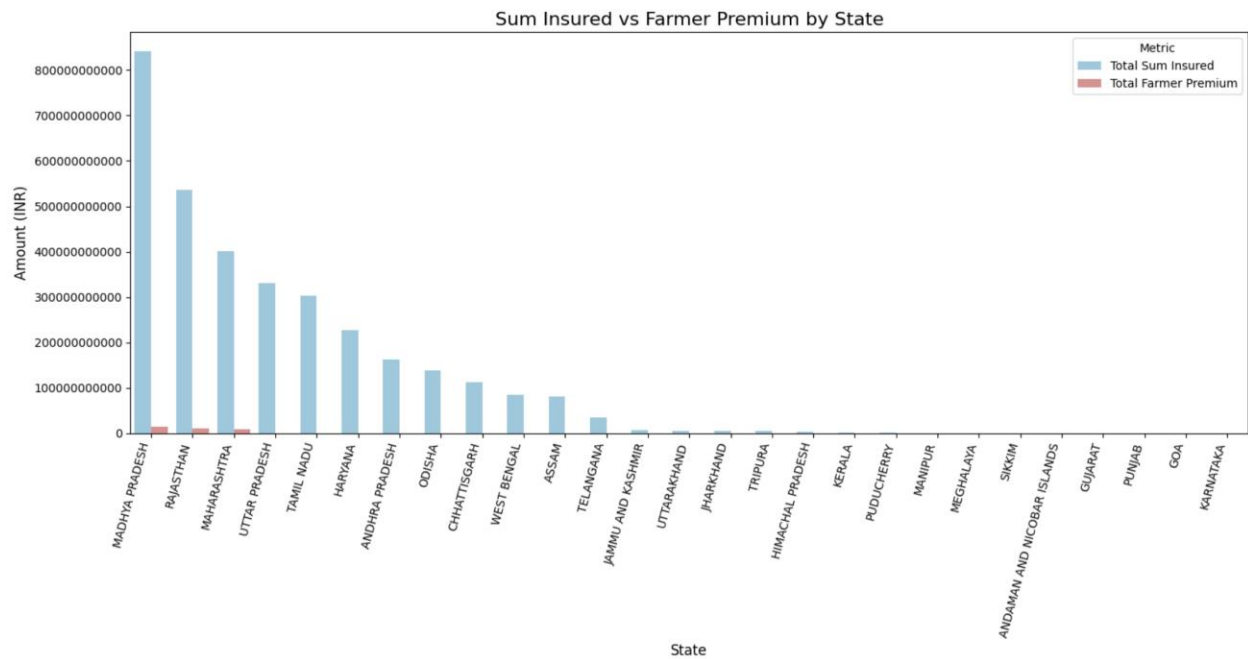
A line chart comparing the year-on-year growth of total premiums paid by farmers and the total sum insured, typically from 2016 onwards. This visualization aims to reveal trends in financial commitment from farmers and the corresponding coverage scale, often indicating an increasing trend in both aspects as the scheme matures.



Graph 3:

Sum Insured vs Premium by State

A bar chart helps in understanding the risk coverage versus cost dynamics at a state level and can identify states where the sum insured significantly outweighs premiums, or vice-versa. This can be an indicator of perceived value or risk exposure in different regions.



Graph 4:

Top 10 Districts by Farmers Covered

This bar chart visualization points the top 10 districts across all states that exhibit the highest number of farmer enrollments in the PMFBY scheme. It provides a granular view of insurance adoption hotspots.

