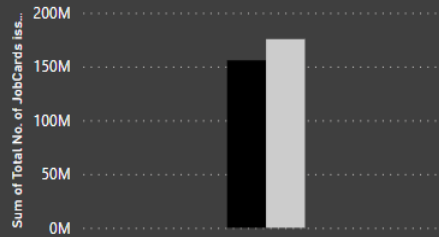


NREGA PROJECT

Power BI Project 2

Overall Engagement of Rural Household

● Sum of Total No. of JobCards issu... ● Sum of Total No. of Ac...

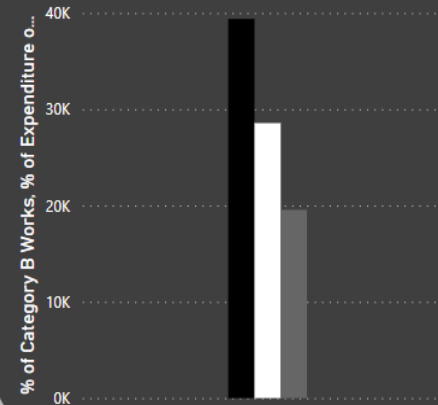


Effectiveness of Employment Opportunities Based on Region

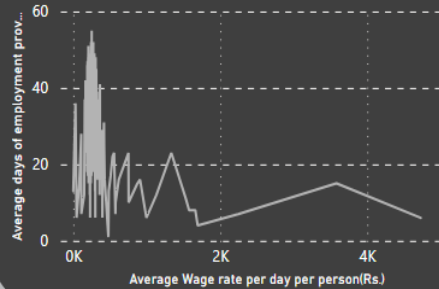


Factors Contributing to Completion and Roadblocks

● % of Category B ... ● % of Expendit... ● Sum of % of ...



Avg wages rate vs Days of emp



Total Expenditure on Total no. of workers and the persondays of central liabilities



Completion Rate

● Sum of Number of Completed W... ● Sum of Number of On...

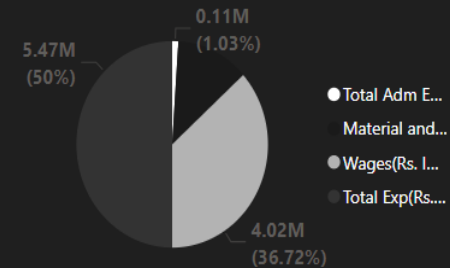


ANDAMAN AND
NICOBAR

State

24 PARGANAS
(NORTH)

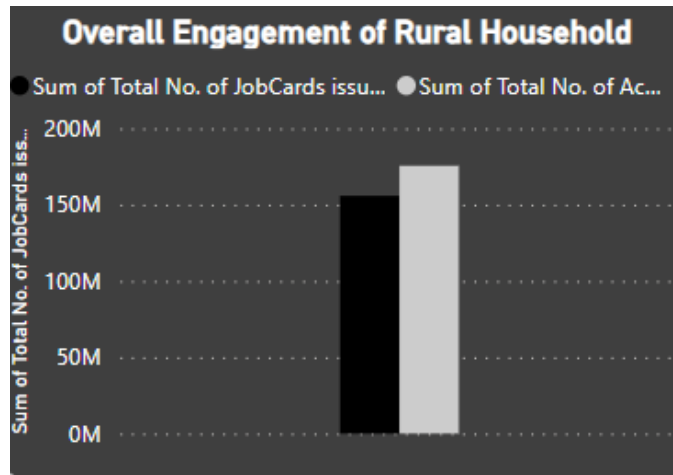
District



Introduction to NREGA

- The National Rural Employment Guarantee Act (NREGA) stands as a cornerstone in India's efforts to address rural unemployment and alleviate poverty. Enacted to provide rural households with assured wage employment opportunities, NREGA has played a transformative role in shaping socio-economic landscapes across the country.
- Our analysis delves into the National Rural Employment Guarantee Act (NREGA) dataset, a key driver in India's rural employment landscape. Covering facets from job card issuance to budget allocation, we leverage data analytics to uncover insights into NREGA's impact, regional nuances, and challenges, aiming to contribute to informed decision-making and program optimization.

Employment Opportunities in NREGA



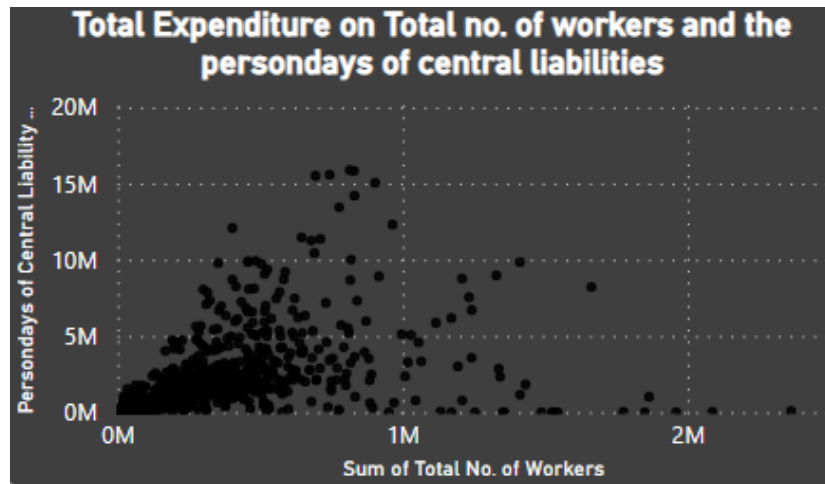
The "Total No. of Job Cards" reflects program participation, while the "Total No. of Active Workers" gauges real-time employment. A positive correlation suggests effective NREGA outreach and sustained engagement, showcasing the program's success in providing continuous and meaningful rural employment opportunities. Conversely, a significant gap may highlight areas for improvement. In essence, analyzing these metrics over time offers insights into NREGA's reach and impact on sustainable employment.

Regional Disparities

Understanding and addressing regional disparities through map visualizations is foundational for promoting equity in NREGA outcomes. By leveraging these visualizations, policymakers and administrators can strategically allocate resources, tailor interventions, and ensure that the benefits of NREGA reach every corner

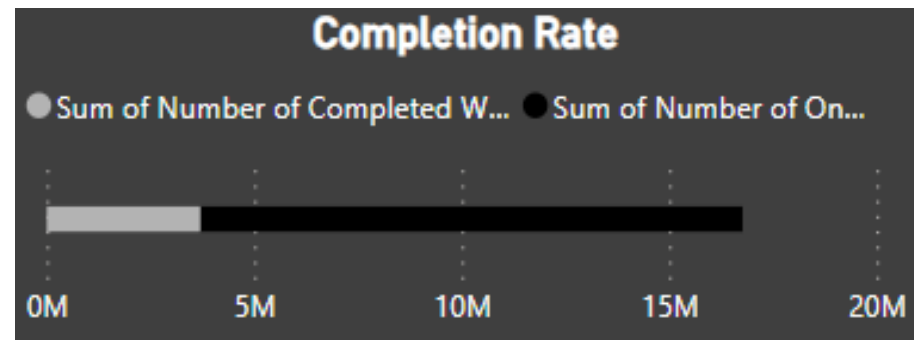
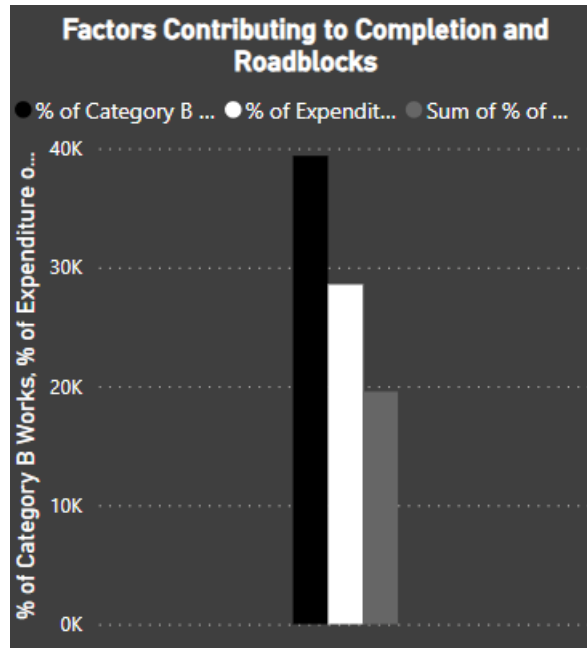


Budget Allocation and Employment Correlation



visualizing the allocation of the "Approved Labour Budget" and exploring correlations with employment metrics through a scatter plot are essential steps in ensuring the optimal impact of the National Rural Employment Guarantee Act (NREGA). Effective budget utilization directly translates into increased employment opportunities, program efficiency, and a broader positive impact on rural communities

Factors Contributing to NREGA Success



Guiding Policymakers with Insights

- In harnessing the power of data-driven insights, we unlock the potential to propel the National Rural Employment Guarantee Act (NREGA) to new heights of effectiveness. These insights, derived from meticulous analysis and visualization, serve as the guiding beacon for policymakers and administrators. Armed with this knowledge, NREGA stands poised to navigate challenges, optimize resource allocation, and chart a course towards transformative impact, ensuring that every rupee spent translates into meaningful and sustainable rural development. The future of NREGA is not just data-driven; it is data-empowered, promising a more equitable, efficient, and impactful trajectory for the empowerment of rural communities.

Conclusion

In the culmination of these insights, our journey through NREGA data has illuminated critical facets of its implementation. From employment effectiveness and regional dynamics to budget allocation and project completion, the data tells a nuanced story. As we navigate regional disparities, optimize budget utilization, and leverage data-driven decision-making, the overarching narrative emerges — NREGA has the potential to be a beacon of transformative change in rural India. Through informed strategies and tailored interventions, we can amplify its impact, fostering sustainable employment and holistic rural development.