

Transforming Government Data Management with Scalable Cloud Analytics



CUSTOMER SUCCESS STORY

ABOUT THE CLIENT



INDUSTRY: GOVERNMENT

The client is a government ministry driving rural development through data-driven governance, efficient monitoring, and technology-enabled solutions across India's Panchayats for better transparency and service delivery.



BUSINESS CHALLENGES



- Legacy systems couldn't handle growing volumes of data from Panchayat operations.



- Fragmented data pipelines led to slow and error-prone reporting processes.



- Limited analytics tools prevented real-time insights and effective monitoring of rural programs.



- Lack of centralized governance and security hindered data accessibility and compliance.



TECHNOLOGY USED

01



MICROSOFT FABRIC

02



MICROSOFT ONELAKE

03



POWER BI

04



MICROSOFT PURVIEW

SOLUTIONS OFFERED



Built a secure, scalable, centralized data lake using **Microsoft OneLake**.



Established automated, reusable data pipelines with **Microsoft Fabric Data Factory**.



Implemented **Power BI** dashboards for real-time tracking and role-based access across governance levels.



Adopted the **Medallion Architecture** for structured data processing and validation.



Integrated **Microsoft Purview** and **Defender for Cloud** for data governance, lineage tracking, and security enforcement.

BUSINESS IMPACTS



Scalable, unified Data Lake for centralized data access and processing



Power BI dashboards enabling real-time insights across governance layers



Improved data quality and operational efficiency via standardized pipelines



Robust data governance and compliance, including support for CSPM and CWPP



Accelerated decision-making, with reduced time-to-insight for program evaluation and monitoring

