

■■ AI Minister – Nepal

A Digital Twin of Transparent Governance

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Vision

AI Minister is a prototype platform that transforms how government data is managed, visualized, and understood. Built entirely in Nepal, it acts as a digital “minister” that can read budgets, track projects, detect anomalies, and publish automatic transparency reports — all from one intelligent dashboard. The goal is simple but revolutionary: to make governance as clear and accountable as the morning sky over the Himalayas.

Technical Approach

The system is developed with Python, Streamlit, and open data principles. It connects CSV-based budgets and projects to an interactive dashboard that produces real-time analytics, PDF transparency reports, and data-driven insights. The “Ask AI” module (optional) uses OpenAI’s large language models or any local Nepali AI engine to explain public budgets in human language. This allows citizens, journalists, and policymakers to literally talk to their data — without needing technical skills.

Impact

In a time when Nepal’s public trust in politics is eroding, AI Minister brings a neutral, data-driven voice to governance. It can be adopted by municipalities, ministries, or civic organizations to monitor funds, detect misuse, and improve decision-making. With grant support, the project will integrate real Nepali datasets, Nepali-language understanding, and a public API — turning today’s demo into tomorrow’s digital public servant.