

Empowering India: Analysis of the Evolution of Union Budget Allocations for Sustainable Growth

Data Flow Diagram (DFD)

Level 0 – Context Diagram

- Main Process: Union Budget Allocation Analysis System
- External Entities: Ministry of Finance, Government Departments, Data Analysts/Researchers, Citizens/Public, Economic & Environmental Agencies
- Input Data: Budget Data, Economic Indicators, Sustainability Metrics
- Output Data: Analysis Reports, Policy Recommendations, Dashboards

Level 1 – Detailed DFD

- Process 1: Data Collection – Collect historical budget data and sustainability indicators.
- Process 2: Data Processing – Clean, organize, and categorize sector-wise allocations.
- Process 3: Data Analysis – Perform trend analysis and sustainable growth assessment.
- Process 4: Visualization & Reporting – Generate dashboards and analytical reports.

Data Stores

- Budget Database
- Economic Indicators Database
- Sustainability Metrics Database
- Analysis Reports Repository

Outputs

- Sustainable Growth Trend Report
- Sector Allocation Comparison Charts
- Policy Recommendation Summary
- Interactive Dashboards