


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

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS90655
PROJECT NAME	Empowering India: Analysing the Evolution of Union Budget Allocations for Sustainable Growth
MAXIMUM MARKS	4 MARKS

5.2 - Sprint Delivery Plan:

Sprint 1: Planning & Data Collection

 **Goal:** Build strong foundation for analysis

Activities:

- Define project objectives & KPIs
- Identify sustainable sectors (Health, Education, Renewable Energy, Agriculture, Infrastructure)
- Collect budget datasets from: Kaggle
- Verify data accuracy
- Create project roadmap

Deliverables:

- ✓ Requirement Analysis Document
- ✓ Cleaned Raw Dataset
- ✓ Stakeholder Approval
- ✓ Project Charter

Sprint 2: Data Processing & Exploration

Activities:

- Data cleaning & normalization
- Remove missing values
- Create calculated fields
- Year-wise and sector-wise classification

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Tools:

- Excel / Python
- Tableau Software

Deliverables:

- ✓ Structured Dataset
- ✓ EDA Report
- ✓ Initial Charts
- ✓ Data Dictionary

Sprint 3: Dashboard & Visualization Development

Activities:

- Design dashboard layout
- Develop visualizations:
- Add filters (Year, Sector, Ministry)
- Optimize for mobile & desktop

Deliverables:

- ✓ Interactive Dashboard
- ✓ Visual Design Guide
- ✓ User Manual (Draft)
- ✓ Prototype Demo

Sprint 4: Reporting, Testing & Deployment (Weeks 7-8)

Activities:

- User testing & feedback
- Performance optimization
- Prepare project report
- Create presentation slides
- Final documentation

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Deliverables:

- ✓ Final Dashboard
- ✓ Project Report
- ✓ PPT Presentation
- ✓ Deployment Package
- ✓ Viva/Presentation Material

✦ Sprint Summary Table:

Sprint	Duration	Focus Area	Key Output
Sprint 1	Weeks 1-2	Planning & Data	Dataset + Requirements
Sprint 2	Weeks 3-4	Processing & EDA	Clean Data + Analysis
Sprint 3	Weeks 5-6	Visualization	Interactive Dashboard
Sprint 4	Weeks 7-8	Testing & Reporting	Final Submission

📊 Key Performance Indicators (KPIs):

- ✓ Data Accuracy $\geq 95\%$
- ✓ Dashboard Load Time < 3 sec
- ✓ User Satisfaction $\geq 90\%$
- ✓ Completion Within 8 Weeks
- ✓ All Deliverables Submitted

✦ Risk Management:

Risk	Impact	Mitigation
Incomplete Data	High	Use multiple sources
Tool Issues	Medium	Backup in Excel/Python
Time Delay	Medium	Weekly review
Visualization Errors	Low	Peer testing