

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

4.2-Proposed Solution:

1. Objective of the Proposed Solution:

The main objective is to **analyze Union Budget allocations over time** to understand how financial resources support sustainable development in India. This study will help evaluate whether government spending aligns with long-term economic, social, and environmental goals.

The project focuses on budgets presented by the **Government of India** through the **Ministry of Finance (India)**.

2.Data Collection and Sources:

To ensure accuracy, data will be collected from:

- Official Union Budget reports
- Economic Surveys
- Government portals
- Publications by **NITI Aayog**

✦ Data Includes:

- Year-wise budget allocation
- Sector-wise expenditure
- Revenue and deficit data
- Development scheme funding

3. Data Processing and Cleaning:

Before analysis, the collected data will be processed as follows:

✓ Steps:

1. Remove duplicate records

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2. Handle missing values
3. Standardize financial units (₹ crore/lakh)
4. Organize data by year and sector
5. Convert data into Excel/CSV format

4. Analytical Framework

The processed data will be analyzed using descriptive and comparative methods.

Analysis Methods:

- Trend Analysis (Growth over years)
- Sector Comparison
- Percentage Change Analysis
- Budget Share Evaluation
- Sustainability Index Mapping

Focus Sectors:

- Education
- Healthcare
- Infrastructure
- Renewable Energy
- Agriculture
- Social Welfare

5. Visualization Using Charts and Images:

Visual tools will be used to make the analysis simple and attractive.

Types of Charts Used:

Chart Type	Purpose
Line Chart	Show budget trends over time
Bar Chart	Compare sector allocations
Pie Chart	Display budget distribution
Area Chart	Show cumulative growth
Heat Map	Identify priority sectors

6. Expected Outcomes:

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This proposed solution will help to:

- ✓ Identify growth-oriented sectors
- ✓ Measure sustainable development funding
- ✓ Highlight budget priorities
- ✓ Support policy evaluation
- ✓ Improve academic understanding

7. Benefits of the Proposed Solution:

Benefit	Description
Clarity	Easy understanding through visuals
Accuracy	Data-based analysis
Practical Value	Useful for research and policy
Academic Impact	Enhances project quality
Decision Support	Helps future planning

8. Conclusion:

The proposed solution uses **systematic data analysis, visual representation, and structured documentation** to evaluate Union Budget allocations. By combining charts, images, and analytical tools, the project will clearly demonstrate how India's budget supports sustainable growth.

