

x

**THE STATE OF
WORK AT CDL
CURRENT &
UPCOMING**



ABOUT US

CivicDataLab works with the goal to use data, tech, design and social science to strengthen the course of civic engagements in India. We work to harness the potential of open-source movement to enable citizens to engage better with public reforms. We aim to grow data and tech capacity of governments, nonprofits, think-tanks, media houses, universities etc to enable data-driven decision making at scale.

TEAM



Akhilesh KR



Apoorv Anand



Deepthi Chand



Divya
Rani



Gaurav Godhwani



Shreya Agrawal



Swati Jaiswal



Thomson Muriyadan

OUR OFFERINGS



Data Strategy



Data Platform



Data Science

OUR FOCUS SECTORS



Public
Finance



Judicial
Reforms



Indic
Languages



Urban
Planning

PUBLIC FINANCE

Strengthening Fiscal Data Ecosystem in the country



Image Source: <https://pixabay.com/en/india-rupee-occupation-3887566/>

India has 150+ kinds of Budget Document Formats

MINISTRY OF AGRICULTURE AND FARMERS WELFARE														
DEMAND NO. 2														
Department of Agricultural Research and Education														
A. The Budget allocations, net of recoveries, are given below:														
(In crores of Rupees)														
Particulars	Accounts 2014-15	Major Head	Actual 2014-2015	Budget 2015-2016	Revised 2015-2016	Budget 2016-2017	Plan	Non-Plan	Total	Plan	Non-Plan	Total		
03. வளம் கூடுதல் துறை முனிசிபாலிடி Finance, Accounts & Government Grants		Revenue	2456.82	2383.19	4840.01	3691.00	2629.00	6320.00	3000.00	2586.00	5586.00	3700.00	2920.00	6620.00
கால்வாய் / கணக்கீரல் CALiabilities		Capital	
தொகை		Total	2456.82	2383.19	4840.01	3691.00	2629.00	6320.00	3000.00	2586.00	5586.00	3700.00	2920.00	6620.00
BE 2016-2017														
R0006 எம்எம் EMD	1. Secretariat - Economic Services	3451	13.36	13.36	
	2. Natural Resource Management & Climate Resilient Agriculture													
R0017 தொழில் நில கூடுதல் முனிசிபாலிடி Recovery of Loans & Advances from Employees	2.01 Natural Resource Management Institutes including Agro-Forestry Research	2415	220.00	406.37	626.37		
			2552	40.00	...	40.00		
R0019 தொழில் நில கூடுதல் முனிசிபாலிடி Recovery of Computer Advances & Other Advances		Total	260.00	406.37	666.37		
	2.02 Climate Resilient Agriculture Initiative	2415	103.00	...	103.00		
R0020 தொழில் நில கூடுதல் முனிசிபாலிடி Recovery of Festival Advance			2552	7.00	...	7.00		
		Total	11.00	...	11.00		
Total- Natural Resource Management & Climate Resilient Agriculture														
R0019 தொழில் நில கூடுதல் முனிசிபாலிடி Recovery of Festival Advance	3. Crop Sciences	2415	506.00	865.48	1371.48		
			2552	14.00	...	14.00		
R0020 தொழில் நில கூடுதல் முனிசிபாலிடி Recovery of Festival Advance		Total	520.00	865.48	1385.48		

OPEN BUDGETS INDIA

Building a community driven
Open Budget Data Platform
Covering 10,700+ Datasets

URL:

<https://openbudgetsindia.org/>

The screenshot shows the homepage of the Open Budgets India website. At the top right is the logo 'Open Budgets India' with a stylized blue bar icon above it. Below the logo is the tagline 'Making India's Budgets open, usable and easy to comprehend'. A search bar with the placeholder 'Search for Datasets' and a magnifying glass icon is positioned below the tagline. A banner below the search bar states 'Explore 10.6k datasets from 509 Budget Sources.' In the center, there is a section titled 'Introducing Dashboards' with a sub-section about new dashboards for Union, State, and District level fiscal data. Below this are four cards for different budget explorers: 'Union Budget Explorer' (2019-20 (Interim)), 'Assam Budget Explorer' (2019-20), 'Balasore District Treasury' (Odisha), and 'Krishna District Treasury' (Andhra Pradesh), each with a 'Explore!' button. A 'Key Features' section highlights 'Budget Documents and much more!' with icons for PDFs, CSV files, data visualizations, and budget basics. A 'Tiers of Government' section explains the three levels of government in India (Union, State, Local) with corresponding map icons for 'Combined Budget (Union & States)', 'Union Budget', 'State Budgets', 'Municipal Corporation Budgets', and 'District Treasury'.

Open Budgets India

Making India's Budgets open, usable and easy to comprehend

Search for Datasets

Explore 10.6k datasets from 509 Budget Sources.

Introducing
Dashboards

Open Budgets India brings new dashboards for exploring Union, State and District level fiscal data. These dashboards help you navigate through data, visualizations and insights from various tiers of government.

Union Budget Explorer
2019-20 (Interim)

Assam Budget Explorer
2019-20

Balasore District Treasury
Odisha

Krishna District Treasury
Andhra Pradesh

Explore!

Explore!

Explore!

Explore!

Key Features

Budget Documents and much more!

Budget Documents (PDFs)

Machine Readable Datasets

Data Visualizations

Budget Basics

Tiers of Government

Tiers of government refer to distinct levels of government set up for a particular country. In India, there are three tiers of government: Union, State and Local, the latter being either urban or rural.

Combined Budget (Union & States)

Union Budget

State Budgets

Municipal Corporation Budgets

District Treasury

Simplifying Union Budget with Open Analytical Tools

Union Budget Explorer BETA

Budget at a Glance

Expenditure

Receipts ▾

Schemes

Total Budgetary Expenditure

₹ 278420 Cr. 14.00%

This section presents the comprehensive money flow data of the Union Budget 2019-20 (Interim). It presents both the sources of revenue of the Union Government and the expenditure commitments it has made on different heads.

Note: Percentage changes have been calculated with respect to 2018-19 Budget Estimate Figures. The figures for total Union Budget Expenditure, for budget estimates of 2018-19 and 2019-20(!), include Funds collected from GST Compensation Cess, which are transferred to a non-lapsable fund in the Public Account. Moreover, the figure for total receipts is taken net of fund transferred to the National Calamity Contingency Fund.

Total Receipts Budget

₹ 2732903 Cr. 13.91%

Budget Profile

The diagram illustrates the flow of budgetary funds through three main stages: Revenue Receipts, Total Receipts, and finally Budgetary Expenditure.

Revenue Receipts: This stage shows the flow of funds from various tax sources to 'Centre's Net Tax Revenue'. These include:

- Union Excise Duties
- Customs
- Less - State's share
- Corporation Tax
- Taxes on Income
- Goods and Services Tax (GST)
- Total Debt Receipts
- Total Capital Receipts
- Market Loans (Gross)

Total Receipts: This stage shows the aggregation of all revenue sources into 'Total Receipts'.

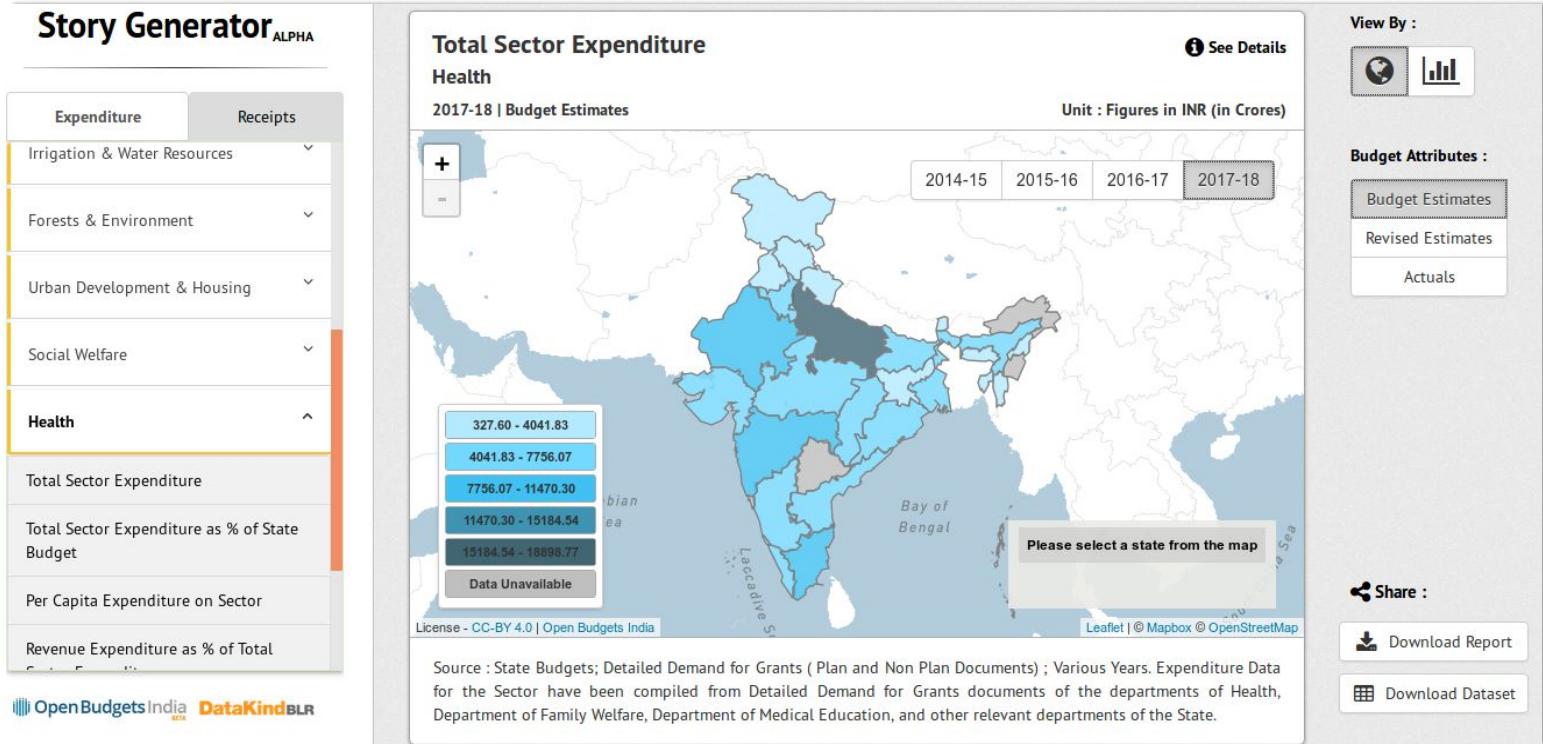
Budgetary Expenditure: This stage shows the breakdown of total expenditure into several categories:

- Other Central Expenditure
- Central Sector Schemes
- Establishment
- Other Transfers
- Transfers
- Centrally Sponsored Schemes

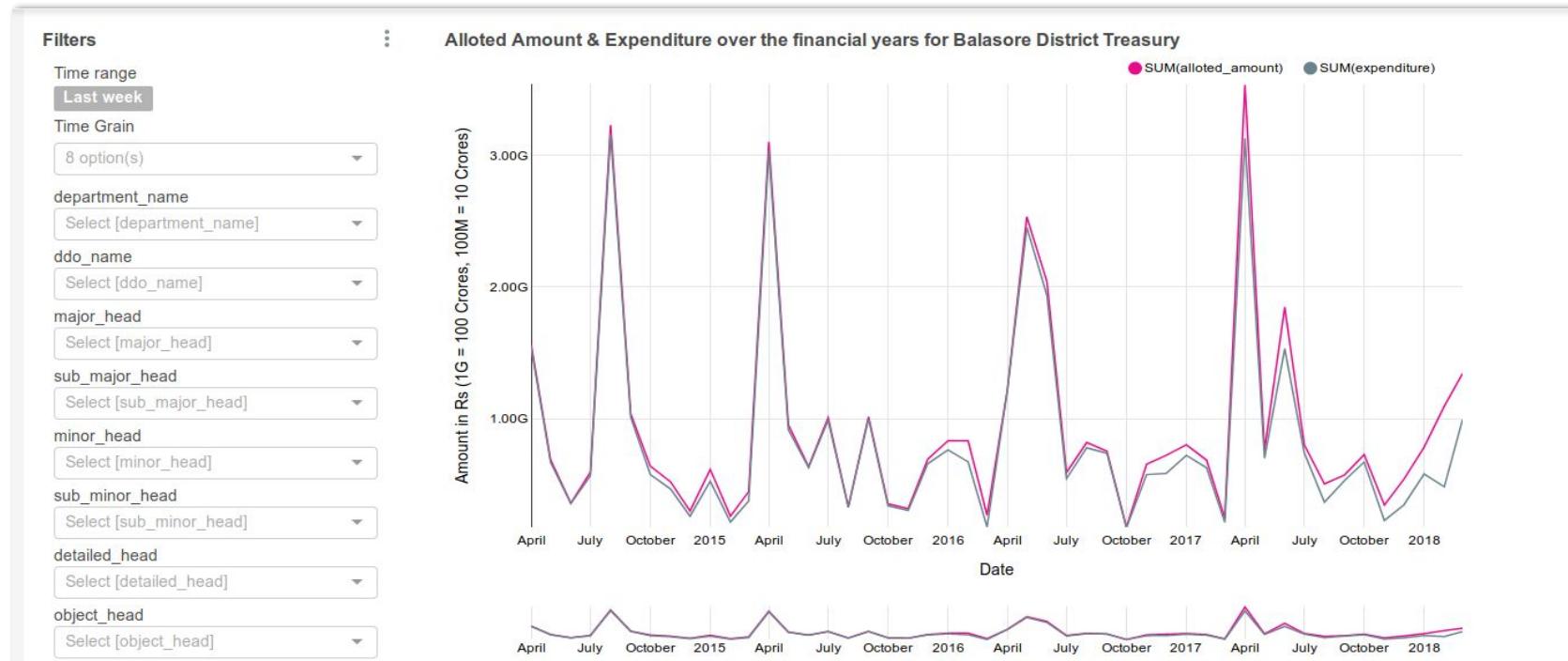
Image Source: Open Budgets India

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Comparing State Budgets using OBI's Story Generator



Analyzing Daily District Spending



**Building Tech &
Data Capacity
of Governments**

Child Budget Tracker

District Treasury Child Budget Tracker for Andhra Pradesh ☆

Timeseries Analysis

District Wise Analysis

Filters

Year

Select [Year]

Major Head Description

Select [Major Head Description]

Sub Major Head Description

Select [Sub Major Head Description]

Minor Head Description

Select [Minor Head Description]

Group Sub Head Description

Select [Group Sub Head Description]

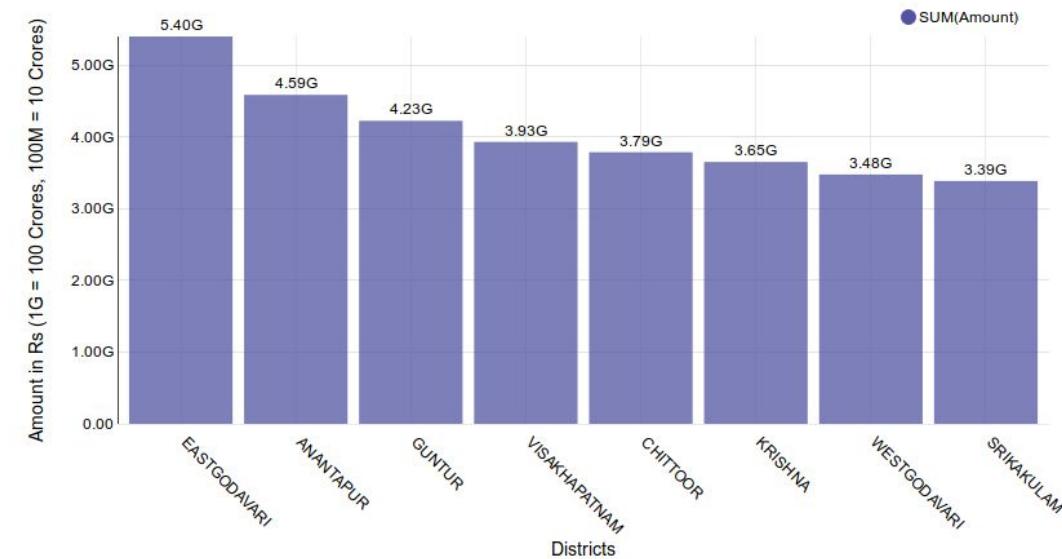
Sub Head Description

x
Integrated Child Development Service (ICDS)
x ▾

Detailed Head Description

Select [Detailed Head Description]

Total Allotted Expenditure District Wise



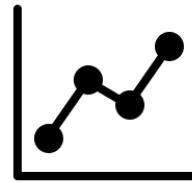
CivicDataLab's State Fiscal Data Suite (Inception Phase)



Participatory
Budgeting



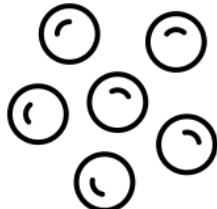
Outcome
Budgeting



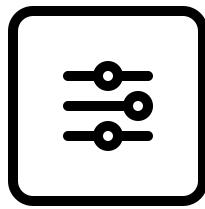
Timely
Reporting



Alerts &
Monitoring



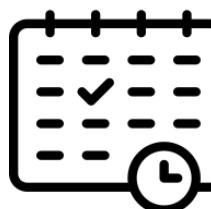
Sectoral
Budgeting



Customizable
Dashboards



Open Source
& Open Data



Subscription
Based

JUDICIAL REFORMS

Making Justice more Open,
Accessible & Accountable



Image Source:

[https://commons.wikimedia.org/wiki/File:Supreme_Court_of_India_-_200705_\(edited\).jpg](https://commons.wikimedia.org/wiki/File:Supreme_Court_of_India_-_200705_(edited).jpg)

Our work by Numbers!



6+
High
Courts



100
+
Districts



10+
Tribunals



3+
detailed
Case
Studies



40+
Organisations
Vetted for
collaboration



5+
yrs
Justice
Data

**OPEN JUDICIAL
DATA PACKAGE**

**ITAT
PENDENCY
STUDY (DAKSH)**

**PENDENCY
ANALYSIS - PUNE
DIST. (VAYAM)**

**SECTION 66A
IT ACT
TRACKER (IFF)**

**POCSO -
LANGUAGE
ANALYSIS
(THE WIRE)**

**POCSO - CASE
STUDY (HAQ)**



DATA HUB

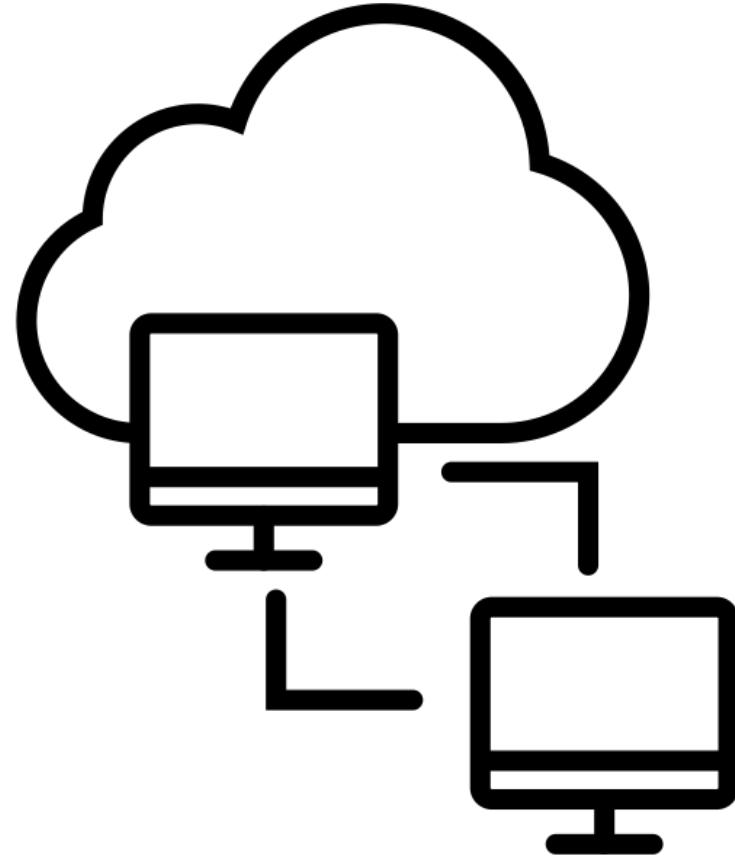
**KNOWLEDGE
HUB**

JUSTICE HUB

**CAMPAIGN
HUB**

**COMMUNITY
HUB**

DATA HUB



Primary

TIERS OF JUDICIARY

COURTS

Supreme Court, High Courts, Lower Courts, Tribunals and Miscellaneous



GEOGRAPHY

State, District and more, or



TYPE

Income Tax Tribunal Appellate, etc.



Secondary

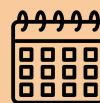
SECTORS

Land Rights, Child Rights, Gender Related Crimes,
Education, Agriculture, Environment and more.



Tertiary

TIMESTAMP



KNOWLEDGE HUB

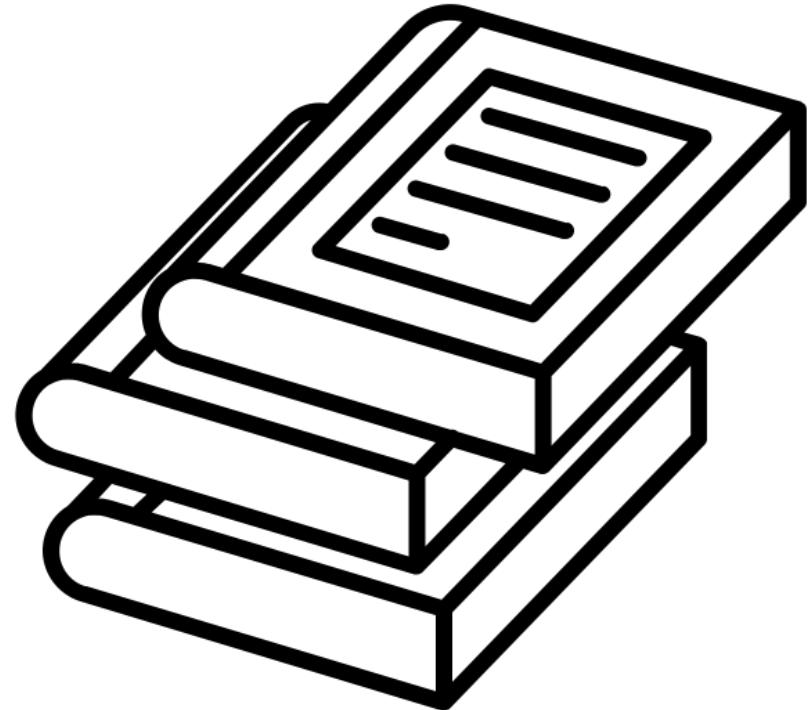


Image Source: Iconic, The Noun Project

GUIDEBOOKS



WIKIS



DATA STORIES



CASE-STUDIES



DATA JOURNALISM ARTIFACTS



INTERVIEWS etc.



BOOSTING ADVOCACY



**RECOMMENDATION
LETTERS**



**CAPACITY BUILDING
SESSIONS**



**AUDITS & ASSESSMENT
INDICES**

COMMUNITY HUB



Image Source: IOHK Design Department, The Noun Project

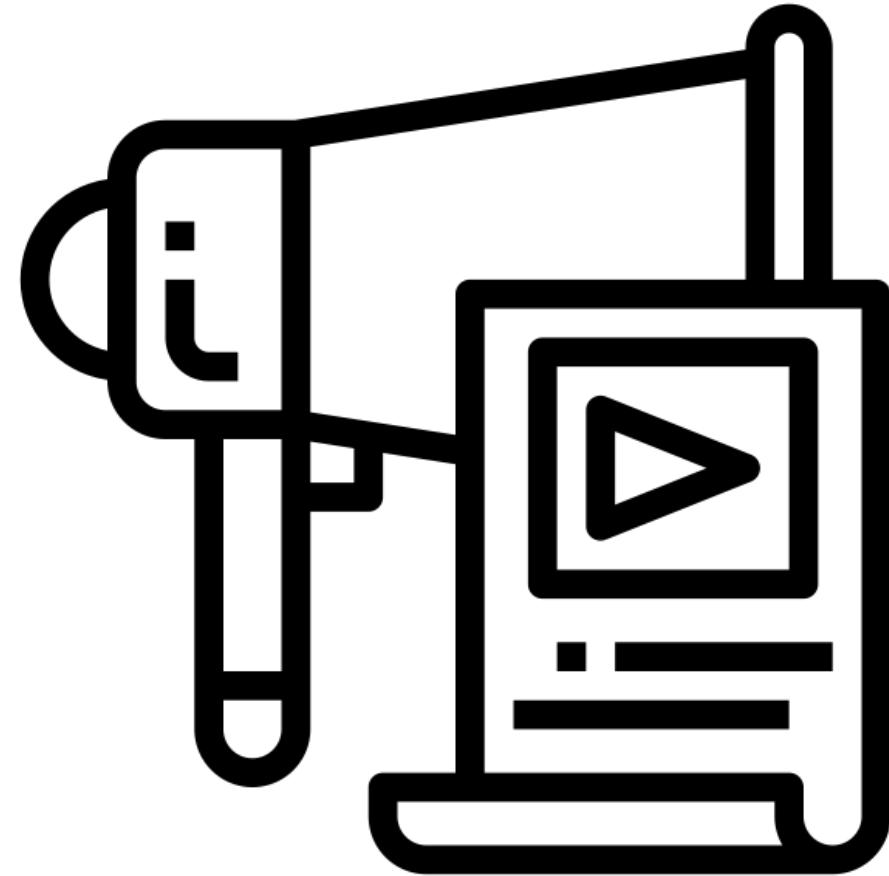
A open community platform for discourse

all categories ▶ all tags ▶ **Latest** Categories Top

See 2 new or updated topics

		Replies	Views	Activity
<input checked="" type="checkbox"/> <input type="checkbox"/> This week's top contributors!		96	6.2k	May 21
<input checked="" type="checkbox"/> Understanding the concept of privacy in court judgements General		75	587	Jul 9
<input checked="" type="checkbox"/> Lets talk about the bankruptcy code		73	6.5k	Feb 17
<input type="checkbox"/> How to file an RTI application meta		66	4.6k	2018-02-22
<input checked="" type="checkbox"/> How to use the data hub guidebook		57	11.6k	2018-09-28

CAMPAIGN HUB



Create & launch campaigns

General Data Visualizations Case Studies Sort by Grouped All Categories Search Campaigns

15 Active Campaigns



Building Child Rights Implementation tracker for 5 Indian States
Near real-time tracker for cases related to child rights like POSCO, Child Marriages, etc
Featured · Data Mining · 21 days to go · Child Rights, Judgement Analysis, POCSO

₹50,00,000
18 teams



Analyze IT Act Section 66A cases
Identify various reasons for listing of unconstitutional IT Act 66A cases in India
Featured · a month to go · IT Act, Court Orders

₹25,00,000
6 teams

INDIC LANGUAGES

Understanding spread of
Languages in India



Image Source:

https://commons.wikimedia.org/wiki/File:Indian_language_Wikipedias_word_cloud_based_on_number_of_articles.svg

**ASSISTED
TRANSLATIONS**

**OPEN
CORPORA**

SAMANTAR

**DIGITAL
LANGUAGE
PENETRATION**

**OPEN INDIC
FONTS**

**LANGUAGE
ANALYSIS**

TARGET LANGUAGES

हिंदी

Hindi

অসমীয়া

Assamese

ଓଡିଆ

Odia

టెలుగు

Telugu

ಕನ್ನಡ

Kannada

Case Studies

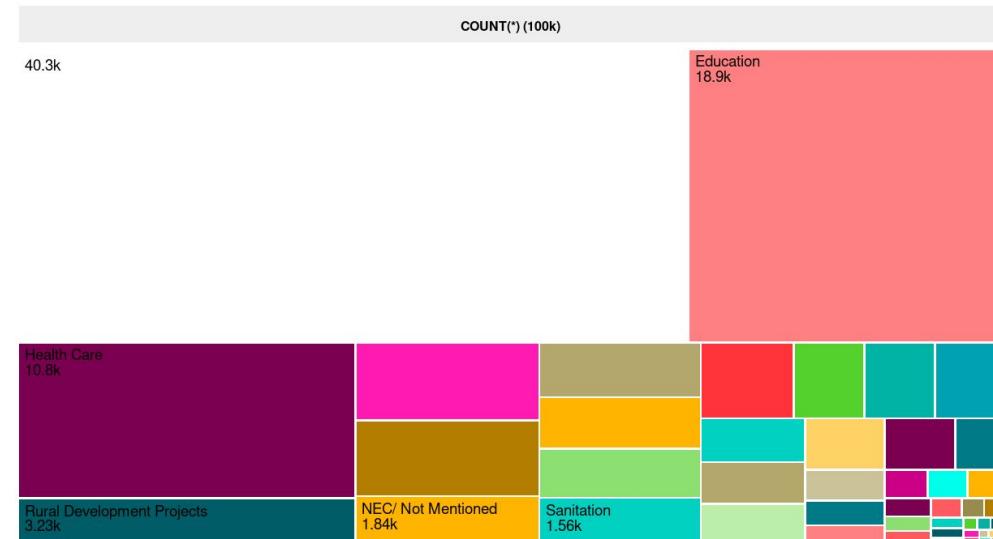
LANGUAGE IN UNION BUDGET SPEECHES

- Language complexity over time
- Focus areas in speeches
- Speech vs actual budget analysis

Case Studies

INVESTMENTS IN INDIC LANGUAGES

- CSR activities for language specific initiatives
- Foreign investments(FCRA) in various language initiatives
- Per capita Investments in language space



**LANGUAGE
CURATION**

**LANGUAGE
ANALYSIS**

**MEDIA
LANGUAGE
HUB**

**MULTILINGUAL
ARTICLES**

**LANGUAGE
VS
READABILITY**

DIGITAL PENETRATION

- Monitoring how language is performing in breadth of internet
- Analysing various public service tools present in target language
- Resource and infrastructure monitoring
- Metadata from across platforms
- Social media language usage analysis

हिन्दीप्रैजापी केन्द्र, रा
स्ट्रोडियोनपाली, तमिल
नगरपालिका, असमीया
कलाम संस्कृति, कोकणी

TRANSLATION FRAMEWORK

- Open assistive translation Framework
- Translations in multiple Indian Languages
- Context based translations

The image shows a user interface for a translation framework. At the top, there are two dropdown menus: 'Source' set to 'English' and 'Target' set to 'Hindi'. Below these is a checked checkbox labeled 'advanced'. The next section is labeled 'Input sentences' and contains a large text area. To the right of this is a section labeled 'Translation' with another large text area. At the bottom, there are two buttons: 'Translate' and 'Choose file'.

Source	Target
English	Hindi

advanced

Input sentences

Translation

Translate Choose file

LANGUAGE-USAGE ANALYSIS

- Analysing language complexity in various open platforms
- Open platform to understand state of Indian languages



FEEDBACK



Contact us
info@civicdatalab.in