Open Government Data Platform India

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Explore

Experience

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A DATA IS SAID TO BE OPEN IF IT IS
FREE TO **USE, REUSE AND REDISTRIBUTE**
BY ANYONE

KEY FEATURES

✓ Responsive web layout design

✓ Better User Experience & efficient discoverability of resources

✓ Usage trend in Tag Cloud

✓ Organized cataloging of similar resources (Datasets/Apps) like time series datasets of Consumer Price Indexes (CPIs) comes under a catalog

✓ Additional options to search and filter resources by Frequency, Sectors, Coverage etc.

✓ Catalog revisions with timestamp

✓ Enhanced User Experience for time series based browsing through the Visualization Gallery

✓ Dedicated Event Section for Contests and showcasing community contributed Apps

✓ New Map based interface for World Wide Datasites

✓ Supports Semantic Web standards using RDF

✓ Application Programming Interfaces (APIs) to query within datasets

✓ New Enhanced Visualization Platform

✓ Separate instance for its Demo Site with role based credentials to have a first hand feel of the workflow

✓ Option to enable SMS and Email Alerts

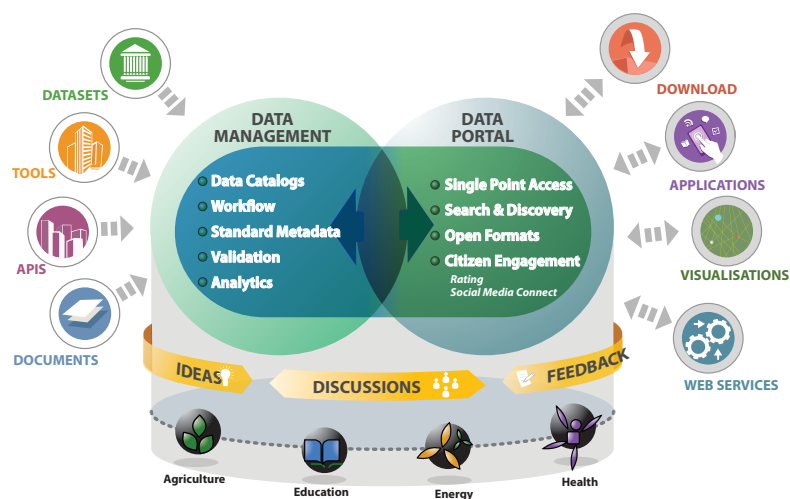Open Government Data Platform India

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OPEN GOVERNMENT DATA
INITIATIVE OF INDIA

Open Government Data initiative of India was launched in compliance with the National Data Sharing & Accessibility Policy (NDSAP) & Gazette notified on 17th March, 2012. NDSAP was formulated to provision an enabling platform for proactive and open access to the data generated through public funds by various Ministries/Departments/Organisations of Government of India. Its objective is to provide access to Government owned shareable data in machine readable format, along with its usage information, through a wide area of network across the country.

National Informatics Centre (NIC), Department of Electronics and Information Technology (DeitY) is the nodal department to implement NDSAP in India, while the Department of Science & Technology is the nodal department on Policy matters.

OPEN GOVERNMENT DATA (OGD)
PLATFORM INDIA-data.gov in

OGD Platform India facilitates dissemination of government datasets in open formats through the platform at http://data.gov.in. Items at democratising access of Government resources e.g. datasets & apps, tools etc. to foster innovation; improve delivery of government information & services besides promoting transparency, accountability and public participation in governance.
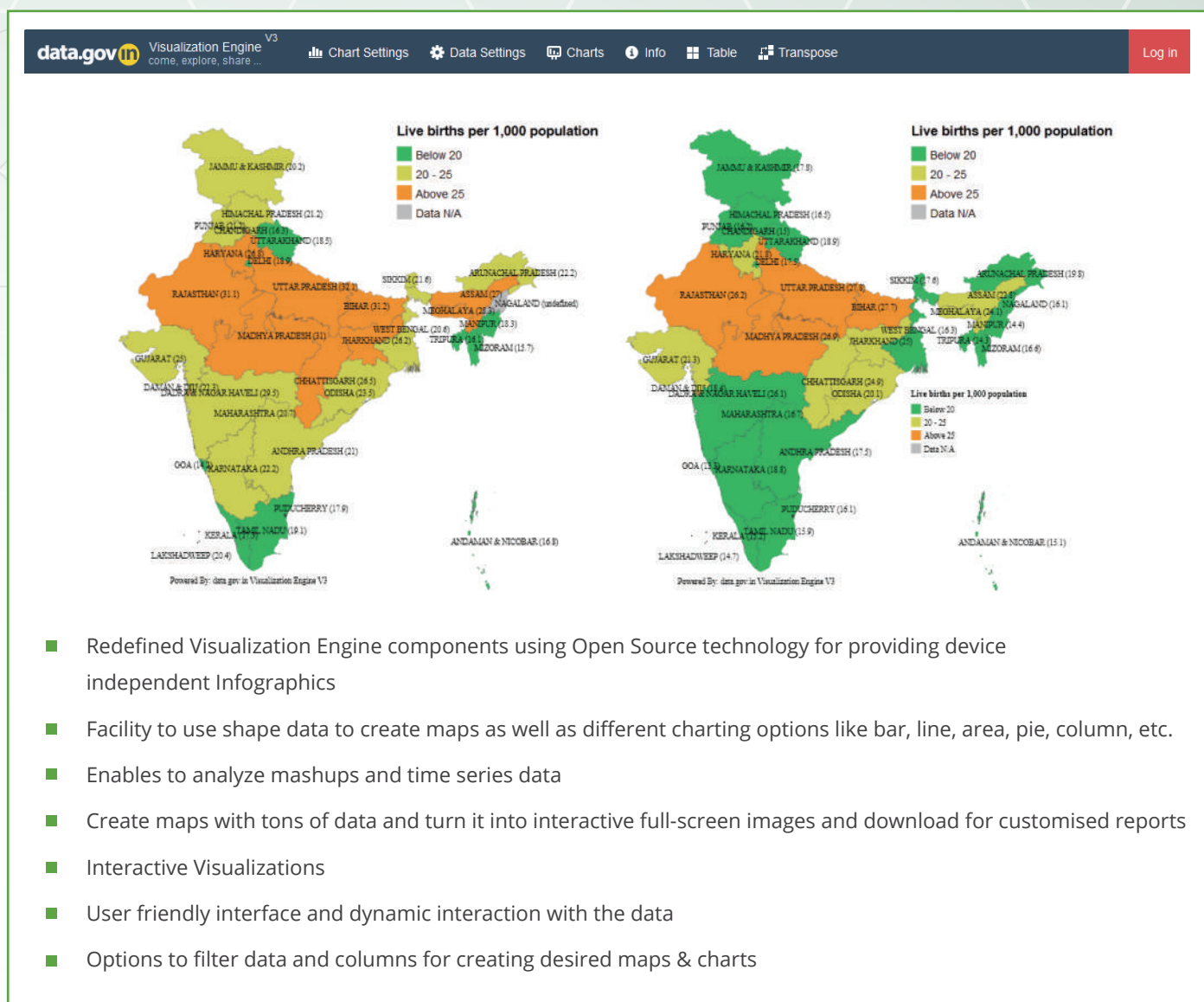

Conceptual View of OGD Platform
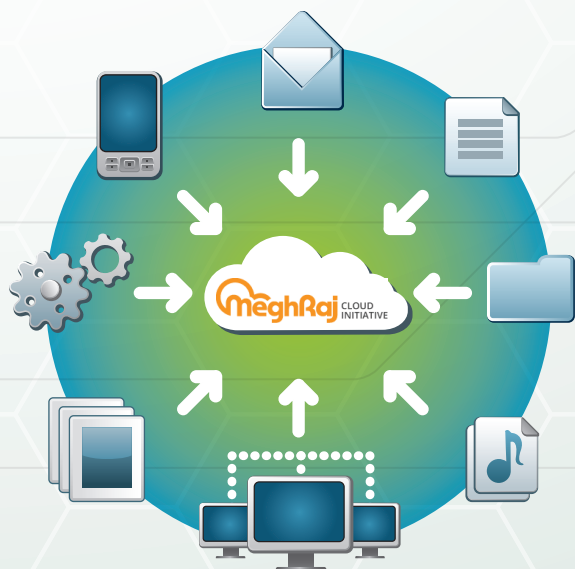
APPLICATION PROGRAMMING
INTERFACES (APIs)

■ Allows users particularly developers to retrieve data programmatically

■ Enables efficient data sharing mechanism

■ Ensures smooth and integrated user experience for consuming relevant & up-to-date data

■ Developers can create web/mobile Apps with online access to data

■ Helps creation of mashups and analysis for published datasets

VISUALIZATION ENGINE

- Redefined Visualization Engine components using Open Source technology for providing device independent Infographics

- Facility to use shape data to create maps as well as different charting options like bar, line, area, pie, column, etc.

- Enables to analyze mashups and time series data

- Create maps with tons of data and turn it into interactive full-screen images and download for customised reports

- Interactive Visualizations

- User friendly interface and dynamic interaction with the data

- Options to filter data and columns for creating desired maps & charts

SOFTWARE AS A SERVICE (SaaS)

- Offers entire platform or any of its Modular Components viz. Content Management System, Data Management System, Visitor Relationship Management System, Community/Events Management System

- Single sign on for all the services of the platform

- Functionality – Feedback, Rating, Social Media Connectors, Embed Feature

  ✓ Management of Catalog & Resources (Dataset/Apps)

  ✓ Dashboard – Analytics, Metrics, Visitor Statistics, Visualizations

  ✓ Integrated Visualization Engine Service

  ✓ Data Conversion utilities

  ✓ Access to standard vocabulary service

  ✓ Profile, Role, API key management service

PUBLISHING & MANAGEMENT
OF CATALOGS AND RESOURCES

- Nominated Data Controllers from Departments are authorised to publish catalogs.
- Data Controllers are empowered to designate a number of Data Contributors as per the need for contribution of catalogs and resources.
- NDSAP Cells are being created in Departments for compilation, collation, conversion and publishing of catalogs and resources.
- Catalogs and resources are contributed through a web-based Data Management System.
- Visitor queries/feedbacks on catalogs and resources are managed through Visitor Relationship Management System.

COMMUNITY ENGAGEMENT WITH
OPEN GOVERNMENT DATA

12TH PLAN HACKATHON To encourage citizens to explore the 12th Plan (2012-17) through creative visualizations, short films and web/mobile apps.

IN PURSUIT OF AN IDEA To encourage creative collaboration on Open Government Data for App development by the students of Delhi University during their summer project.

#OPEN DATA APPS CHALLENGE To boost innovative use of Open Government Data and engage start-up & developer community to build an open data ecosystem for Social Good.

CMA HACKATHON To encourage innovation in Urban Governance using Open Data along with technology as the underlying force.

WORKSHOPS & COMMUNITY INTERACTION To explore avenues to connect with community in order to encourage Open Data driven innovation and to create awareness on the benefits of Open Data.

CONTACT US

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