सत्यमेव जयते

Ministry of Electronics & Information Technology
Government of India

data.gov in

Open Government Data Platform India

75 Azadi Ka Amrit Mahotsav

INSTITUTIONAL MECHANISM

- NDSAP
- IMPLEMENTATION GUIDELINES
- CONTROLLED VOCABULARY
- GODL

DATA PROVIDERS

- CENTRAL GOVERNMENT
- STATE GOVERNMENTS

DATA TECHNOLOGY PLATFORMS

- OGD PLATFORM
- VISUALIZATION ENGINE
- SAAS INSTANCES
- EVENTS
- COMMUNITY PORTAL

OPEN GOVERNMENT DATA

DATA CONSUMER

- DEVELOPERS
- INDUSTRY
- ACADEMIA
- RESEARCHERS
- CORPORATE
- PUBLIC AT LARGE
- GOVERNMENT

USAGES & IMAPACT

- RESEARCH
- COLLABORATION
- CITIZEN ENGAGEMENT
- ACCOUNTABILITY
- INNOVATION
- TRANSPARENCY
- SMART GOVERNANCE
- OPEN GOVERNANCE
- DECISION MAKING

Digital India
Power To Empower

NIC
एनआईसी
National Informatics Centre

OPEN GOVERNMENT DATA INITIATIVE OF INDIA

Data is one of the most valuable assets of modern governments which should be made accessible (or released) in open format to utilize its full potential. The primary purpose of Open Data initiatives worldwide is to help government, industry, academia, businesses and civil society utilize the available digital data to drive innovation for sustainable development.

National Data Sharing and Accessibility Policy
Gazette notified on 17th March 2012

Facilitate proactive Release of Data by the Government Departments/ organizations To facilitate the access to **Government of India owned shareable data and information in both human readable and machine readable forms** through a

network all over the country in a proactive and periodically updatable manner, **within the framework of various related policies, Acts and rules** of Government of India, thereby permitting a wider accessibility and use of public data and information for national planning and development The Policy is designed so as to apply to all sharable non-sensitive data available either in digital or analog forms, for all the data and information created, generated, collected and archived **using public funds provided by Government of India.**

OPEN GOVERNMENT DATA PLATFORM INDIA (data.gov.in) - OGD 2.0

Driven by the National Data Sharing and Accessibility Policy (NDSAP), National Informatics Centre (NIC), MeitY has set up the Open Government Data (OGD) Platform India - https://data.gov.in for proactive and open access to the data available with various Ministries/ Departments/ Organizations of Government of India. The Platform is one of the initiatives under Pillar 6 (Information for All) of the Digital India initiative. The existing Platform is OGD 2.0 with Micro Services Based Architecture Leveraging Cloud Technology.
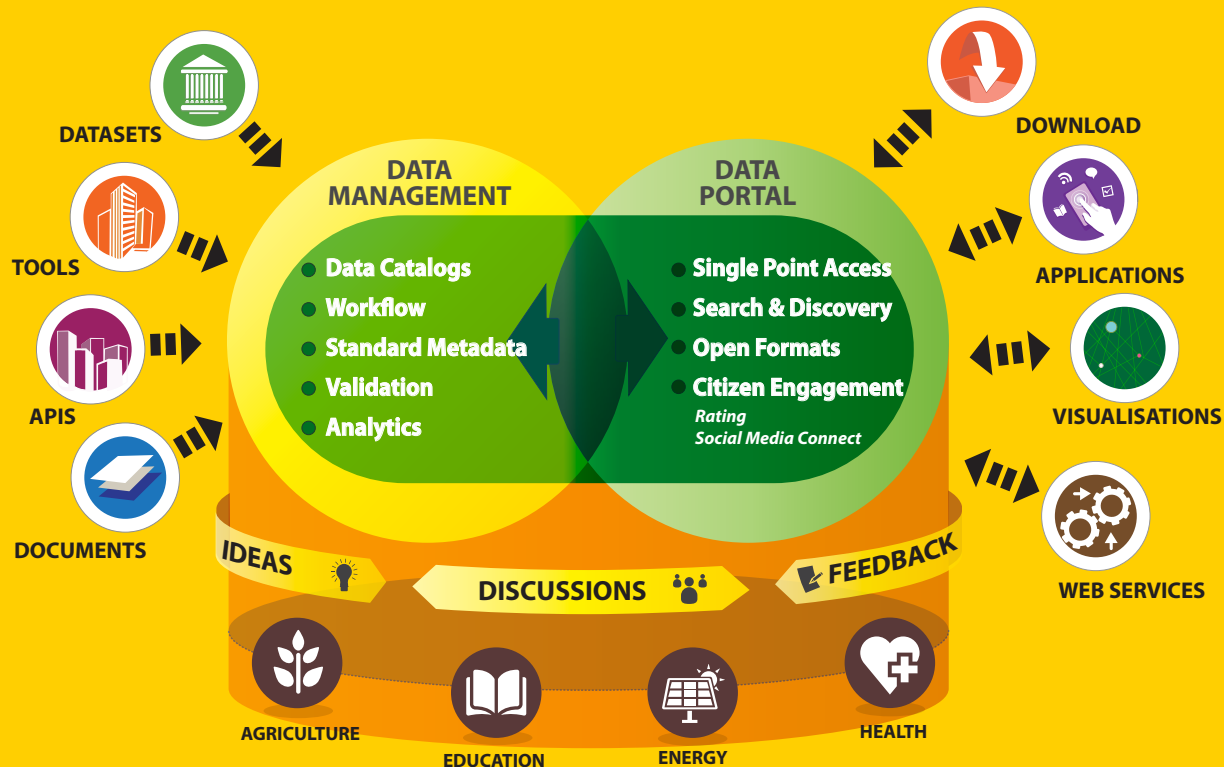
SALIENT FEATURES:

RESOURCES (DATASETS/APPS) CATALOG AS SERVICE

- Single Window repository of Government Open Data from Ministries/Departments/States
- Nominated Chief Data Officers from government departments publish open data
- Exhaustive search facility with Custom Search API Module
- Preview of Datasets, Bulk Download of Catalog and Subscribe to receive updates
- Embed Catalogs &Widget to Consume/Link filtered set of catalogs
- Datasets Suggestions and Feedbacks on catalogs & resources
- Subscribe Catalogs to receive updates
- Single Sign On to access all OGD and MyGov portals with one registration

VISUALIZATION ENGINE (visualize.data.gov.in)

- Facilitate to create National, State, District Drill-down & Lat-Long maps besides various charting options viz. bar, line, pie etc.
- Visualizations can be created using Sample Data, User's Own Data or OGD Data Sets (using datasets APIs)
- Analyze mashups and time series data
- User friendly Interface with ease of interacting on with the data
- Dedicated Website for Visualization Engine visualize.data.gov.in
- Visualization Wizard facility for easy creation Integration with Bharat maps
- Registered Users can Save / Edit/ Delete/ Embed/ Clone Visualization
- Visualization Gallery showing - VODs (Visualization of the Day) and All Visualizations

DATASETS

TOOLS

APIS

DOCUMENTS

DATA MANAGEMENT
- Data Catalogs
- Workflow
- Standard Metadata
- Validation
- Analytics

DATA PORTAL
- Single Point Access
- Search & Discovery
- Open Formats
- Citizen Engagement
  Rating
  Social Media Connect

DOWNLOAD

APPLICATIONS

VISUALISATIONS

WEB SERVICES

IDEAS — DISCUSSIONS — FEEDBACK

AGRICULTURE   **EDUCATION**   **ENERGY**   **HEALTH**

APPLICATION PROGRAMMING INTERFACES (APIs) AS A SERVICE

Datasets APIs are available as a Service - Users can consume Datasets through APIs, this will help in updation of datasets automatically, hence helpful in developing innovative applications

OGD Platform facilitates government departments for automated contribution of open datasets through APIs/web-services for regular, up-to-date and convenient data publishing

COMMUNITY ENGAGEMENT PORTAL (community.data.gov.in)

OGD Community Portal for publishing of Blogs, Visualization, Info-graphics by registered users

Users can also submit Apps those have used OGD Datasets in Apps Gallery

HACKATHONS, CHALLENGES AND EVENTS (event.data.gov.in)

Portal to manage hackathons, meetups, conferences, seminars, workshops, challenges, etc. Some of these events are listed below:

- OGD National Hackathon- #OpenGovDataHack
- Stake Holders' Consultation and Seminars
- Sector specific CDO Workshops
- 12th Plan Hackathon
- In Pursuit of an Idea
- #OpenDataApps Challenge
- CMA Hackathon
- Community Interaction
- National Conference on Open Data & Open API
- Code for Honour Awards
- Inclusive Web Programming
- Open Data Apps Challenge
- And Many More ...

GOVERNMENT OPEN DATA LICENSE – INDIA (GODL)

Government Open Data License (GODL) – India has been released and Gazette notified on February 13, 2017. This is a one of its kind License that allows users to consume datasets available on OGD platform for commercial as well as non-commercial purposes. Detailed terms and conditions of License are available with scan of this QR code or can be accessed at: https://data.gov.in/government-open-data-license-india

Model-1
Open format Datasets can be directly be published on data.gov.in
A dedicated URL will be provided for the State (Eg: data.gov.in/states/Name of the State)

Model-2
States can have their own data portal for publishing of Open Datasets as an exclusive instance of data.gov.in throughSoftware as a Service (OGD-SaaS) Model

Steps for on boarding (Ministry/Departments)

- Secretary/Additional Secretary of Ministry/Department will nominate a Chief Data Officer (at the rank of JS) by filling the CDO nomination form
- PMU will create CDO account
- CDO to create Data Contributor account and start publishing datasets

Steps for onboarding (States/ULBs)

- Acceptance letter from the State for on-boarding
- Setting up of governance structure by the State
- State to submit SaaS Instance Form for activating instance
- Making the Open Data Portal Instance available by NIC
- State Government Departments/Entities to nominate a senior officer to additionally function as Chief Data Officer (CDO) for the Department/Entity
- CDO would drive Identification and Publishing of all Potential Datasets for public good

Launched SaaS Instances

- smartcities.data.gov.in
- karnataka.data.gov.in
- sikkim.data.gov.in
- punjab.data.gov.in
- odisha.data.gov.in
- tn.data.gov.in
- kerala.data.gov.in

OGD MILESTONES

- National Data Sharing and Accessibility Policy (NDSAP) Gazette Notified
- Launch of data.gov.in
- Launch of Visualization Engine
- Data release through APIs
- Launch of Community portal
- Open Data Portal of Tamil Nadu, Odisha, Sikkim & Surat launched by using OGD SaaS
- Launch of Exclusive Events Portal
- Government Open Data License (GODL) Gazette Notified
- Community and citizen engagement through hackathons #OpenGovDataHack, 12th Plan Hackathon, In Pursuit of an Idea, #OpenDataApps Challenge, etc.
- Launch of Smart Cities Data Portal
- Launch of OGD 2.0 - MicroServices Based Architecture Leveraging Cloud

OPEN DATA CHAMPION

'Open Data Champion' award instituted under Digital India Awards to honor the exemplary work done by Ministry/Departments towards releasing of open data on OGD Platform.