data.gov

Open Government Data Platform India

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

OGD PLATFORM: DATA.GOV.IN

Datasets

Visualization

SaaS

Community

APIs

NATIONAL INFORMATICS CENTRE

Department of Electronics & Information Technology
Ministry of Communications and IT
Government of India
OPEN GOVERNMENT DATA INITIATIVE OF INDIA

Open Data is becoming increasingly important in today’s development goal inspired by the Data Revolution, which has been recognized worldwide as the key enabler for achieving the UN Sustainable Development Goals (post-2015).

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, academia, businesses and civil society utilize the available digital data to drive innovation for sustainable development.

Driven by the Open Data Policy of Government of India (NDSAP), National Informatics Centre (NIC), DeitY 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 with an aim to foster innovation, improve delivery of government information and services besides promoting transparency, accountability and public participation in governance. OGD Platform has been placed under 6th Pillar of the Digital India initiative- "Information for All".

PUBLICATION AND MANAGEMENT OF CATALOG AND RESOURCES

Ministries & Departments publish their data in open format on OGD Platform through their nominated Chief Data Officers

CDOs nominate Data Contributors for contributing catalogs and resources. Cells being created in departments identify, compile, collate, convert and publish catalogs and resources in open format

Data Management Systems enable contribution towards Catalogs and Resources

Visitor’s datasets suggestions, queries/feedbacks on catalogs & resources are managed through Visitor Relationship Management System

‘Open Data Champion’ award instituted under Web Ratna Awards to honor the exemplary work done towards releasing of open data on OGD Platform

APPLICATION PROGRAMMING INTERFACES (APIs)

- Enables efficient and dynamic Data Sharing Mechanism
- System to System flow of Data ensures uninterrupted, relevant and up to date data
- Allows users to retrieve data systematically
- Applications can easily be developed with online access to data
- Helps creation of mashups and analysis for published datasets

KEY FEATURES

Single Sign-On for Portals under Information for All - 6th Pillar of Digital India

Embed Catalogs, Widgets to consume desired set of catalogs

Dedicated sections for Events, Contests and community contributed Apps

Cataloging of similar resources (Datasets/Apps)

Subscribe Catalogs to receive updates
**CUSTOM VISUALIZATION ENGINE**

- Custom Visualization Engine using Open Source Technology
- Facility to create maps - point and other charting options viz. bar, line, pie etc.
- Registered users can create, save and embed visualizations created from the published datasets and even with their own datasets
- Analyze mash-ups and time series data
- User friendly Interface with ease of interacting on with the data

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**OGD SOFTWARE AS A SERVICE (SaaS)**

- Offering Open Government Data Software as a Service (SaaS) through https://saas.data.gov.in
- Online request submission and support for all SaaS services
- Offering Content Management System, Data Management System, Community/Events Management System
- Multiple Template based design and User Interface
- Single Sign on for all services of the platform
- Integrated Visualization Engine Service
- Functionality - Feedback, Rating, Social Media Connectors, Embed Features, Management of Catalog and Resources (Datasets/Apps), etc.
- Dashboard- Analytics, Metrics, Visitor Statistics, Visualizations
- Data Conversion Services
- Access to standard vocabulary service
- Profile, Role, API Key management service
- UUID for published datasets

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Enhanced user experience for efficient data discovery

OGD Community Engagement through Forums, Blogs, Infographics and Visualizations

Responsive web layout design

Enhanced Visualization Engine
Visualize OGD Datasets/Own Data

Dataset access through APIs
COMMUNITY ENGAGEMENT WITH OPEN GOVERNMENT DATA

Various events like conferences, seminars, workshops, challenges are being organized for the ministries and departments as well as community. Some of these events are listed below:

- 12th Plan Hackathon
- In Pursuit of an Idea
- #OpenDataApps Challenge
- CMA Hackathon
- Workshops & Community Interaction
- National Conference on Open Data & Open API
- Code for Honour Awards
- Inclusive Web Programming
- Open Data Apps Challenge
- Participation in Data Meets
- And Many More ...

Create, Publish and Access Visualizations, Info-graphics and Blogs on OGD
Community portal at community.data.gov.in

JOURNEY SO FAR...

2012

- NDSAP Policy Gazette Notified
- Released first version of data.gov.in

2013

- Hackathon and Events for Community engagement
- Launch of Visualization Engine

2014

- Enhanced OGD platform released
- Started releasing APIs
- Communities started publishing Apps

2015

- Added more High value data sets
- Released Community portal
- Crossed 20,000+ Datasets

ACCOLADES

- EINDIA 2013 AWARD FOR E-GOVERNANCE INITIATIVE
- CSI-NIHILENT E-GOVERNANCE AWARDS FOR EXCELLENCE 2013-14
- INDIA RANKED AMONG TOP 20 IN GLOBAL OPEN DATA INDEX

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