A Data is said to be open if it is free to use

Reuse and Redistribute by anyone
OPEN GOVERNMENT DATA
INITIATIVE OF TAMIL NADU

Open Government Data (OGD) Platform of Tamil Nadu is a platform for supporting Open Data initiative of Government of Tamil Nadu and it was launched in compliance with the National Data Sharing & Accessibility Policy (NDSAP). The objective of the policy is to provide proactive access to Government owned shareable data along with its usage information in open/machine readable format, in a periodically updated manner, within the framework of various related policies, rules, and acts of the Government.

This platform is intended to be used by the Departments of Government of Tamil Nadu and their organizations to publish their shareable datasets and resources in machine readable format, along with its usage information. It intends to increase the transparency in the functioning of the Government and also to open avenues for many more innovative uses of the Government Data to give different perspectives.

ELCOT in association with National Informatics Centre (NIC) has setup the OGD Platform of Tamil Nadu as an instance of Open Government Data Platform, India i.e. data.gov.in. This Software as a Service (SaaS) model facilitates for proactive and open access to the sharable data available with various Departments and their organisations of Government of Tamil Nadu with an aim to foster innovation, to improve the delivery of Government information and services besides promoting transparency, accountability and public participation in governance.

PUBLICATION AND MANAGEMENT
OF CATALOGS AND RESOURCES

Departments/Organizations publish their data in open format on TNOGD Platform through their nominated Chief Data Officers

CDOs nominate Data Contributors for contributing catalogs and resources to identify, compile, collate, convert and publish catalogs and resources in Open format

Data Management System enables contribution towards Catalogs and Resources

Visitor’s suggestions/feedbacks on catalogs and resources are managed through Visitor Relationship Management System

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 OF TNOGD PORTAL

- Facilitates dissemination of Government Catalogs & Resources in open formats through the platform at https://tn.data.gov.in.
- Web-based Data & Content Management System to contribute Catalogs & Resources (Datasets/Apps)
- Better User Experience & efficient discoverability of resources
- Provides Data Conversion Services
- Dashboard - Analytics, Metrics, Visitor Statistics, Visualizations
- Enhanced User Experience for time series based browsing through the Visualization Engine
- Dedicated Event Section for Contests and showcasing community contributed Apps
- Facility to rate the resources (datasets/apps) on three aspects i.e. Quality, Accessibility and Usability
- Provides single window access to the datasets and apps published by different Departments and their Organizations of the State of Tamil Nadu

VISUALIZATION ENGINE

Custom Visualization Engine using Open Source Technology
- Facilitate to create maps 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 with the data
COMMUNITY ENGAGEMENT WITH OPEN GOVERNMENT DATA

The Gateway for Social Entrepreneurship and Innovations
- Development of Citizen and Community friendly applications
- Ideas into Apps, Visualizations and Infographics
- Driving Innovations & Integrating Stakeholders
- Events: Workshops, Hackathons, Open Data Apps Challenges, In Pursuit of an Idea etc.
- Stakeholders: Citizens, NGOs, Think Tanks, Research Organisations, Universities, Educational Institutions, Academia etc.

DEPTS WHO HAVE SHARED THE DATA
- Adi Dravidar Welfare
- Animal Husbandry and Veterinary Services
- Backward Classes Welfare
- Civil Supplies and Consumer Protection
- Handlooms and Textiles
- Medical and Rural Health Services
- Technical Education
- Industries and Commerce
- Economics and Statistics
- Rural Development and Panchayat Raj
- Social Welfare
- Art and Culture
- Medical Education
- Municipal Administration
- Forests
- Tamil Nadu Electrical Inspectorate (TNEI)
- Horticulture & Plantation Crops
- Drug Control Administration
- Highways
- Fire and Rescue Services
- Institute of Water Studies, PWD/Operation and Maintenance, PWD
- Sarva Shiksha Abhiyan (SSA)

PSU’s / Other organisations who have shared the data
- Tamil Nadu Generation and Distribution Corporation (TANGEDCO) Ltd
- Tamil Nadu Pollution Control Board
- Tamil Nadu Medical Services Corporation (TNMSC)
- Slum Clearance Board
- Industrial Investment Corporation (TIIC)
- Tamil Nadu Minerals Ltd (TAMIN)
- Electronics Corporation of Tamil Nadu Ltd (ELCOT)
- Tamil Virtual Academy
- Tamil Nadu Small Industries Development Corporation Ltd (TANSIDCO)
- Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)
- State Express Transport Corporation Ltd. (SETC)
- Tamil Nadu State Transport Corporation (TNSTC) – Salem
- Sports Development Authority (SDAT)
- Tamil Nadu e-Governance Agency (TNeGA)

IMPORTANT DATA SETS AVAILABLE
- Statistical Handbooks for 9 years from 2010 to 2018, TN At A Glance 2019 from Department of Economics & Statistics
- CSC data from TNeGA
- SCAN centre data from TNMSC
- PEC centres data from ELCOT
- School Education Details from SSA
- Health Centre Details from DME
- Road details from Highways
- DAM details from PWD WRO
- BUS route data from SETC
- Small/ Medium Industries data from Industries dept.

14,400+ Datasets in 880+ titles from 52+ depts have been uploaded so far
97 CDO accounts created so far covering many depts
3 Mobile apps developed using the open data
BLOGs/Infographics/Visualisation published based on the open data

PROGRESS SO FAR

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