

## Pragyan – A Data Integration, Exploration and Visualisation Platform

Pragyan is an open-source platform with a containerized scalable architecture that efficiently ingests, integrates, and processes data, allowing users to create and share visualisations, dashboards, and reports. With over 60+ visualisation types, it excels at integrating real-time data from diverse sources and cloud storage services. The platform supports multi-lingual packages to enhance accessibility and outreach, aligning with the Make-in-India Initiative, Pragyan assists the government in making more insightful decisions.

### Key Features

#### Open-Source Technology

Using open-source tools mitigates the potential long-term risks associated with vendor lock-in.



#### No Code Platform

The platform provides a low code no-code environment, allowing users to develop analytical dashboards without the need for coding expertise



#### Data Sources Connectivity

The data connectors enable seamless integration with more than 25 databases and flat files like csv, excel, etc.



#### Data Integration Layer

Offering diverse functionalities for extracting and loading data into a unified format.



#### SQL Labs

It enhances the data exploration capabilities and empowers users to derive insights from their data using SQL



#### Customizable Dashboards

Highly customizable dashboards that can be tailored to meet the specific requirements and preferences of organizations



#### Security

The platform ensures comprehensive data protection by offering robust security features such as encryption for data, RBAC, etc.



#### User Management

Role-based access control empowers administrators to effectively managing user access and permissions within the platform



### Key Components

#### Data Ingestion

It efficiently ingests and consolidate data from diverse sources, ensuring a comprehensive and reliable dataset for better analysis

#### Data Integration

It offers various functionalities to extract and load data enabling users to utilize a cohesive and unified dataset

#### Data Visualisation

It supports interactive charts, graphs, maps, and other visualisation elements to present data in a visually appealing and meaningful way