

PROJECT REPORT

Data Earthscape
Climate Agency

Team Member

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Pages

1. **Login**
2. **Register**
3. **Admin Dashboard**
4. **Analyst Dashboard**
5. **Datasets**
6. **Satellite**
7. **Feedback**

TECHNOLOGY

FRONTEND And BACKEND

HTML ,CSS ,Tailwind , Django
MongoDB, Python. Tableau

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Introduction

The problem statement is attached separately in a file Data EarthScape Climate Agency.doc
Standards plan:

Every code block must have comments.

The logic of the program needs to be explained. Proper documentation should be maintained.

Complete Project Report along with synopsis, code and documentation should be prepared.

Documentation:

No project is complete without documentation. In fact, it is one of the most important activities during the development of a project. The documentation of an ideal project will be in the form of a project report comprising of the following documents:

Certificate of Completion.

Table of Contents.

Problem Definition.

Customer Requirement Specification.

Project Plan.

Tableau Dashboard.

Algorithms.

GUI Standards Document.

Interface Design Document.

Task Sheet.

Project Review and Monitoring Report.


Unit Testing Check List.

Final Check List.

LOGIN

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Welcome Back
Login to access your dashboard

Username

Enter your username

Password

Enter your password

Sign In


Don't have an account? [Register](#)

Activate Windows
Go to Settings to activate Windows.

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REGISTER




Create Account

Join us and access your dashboard

Username

Password

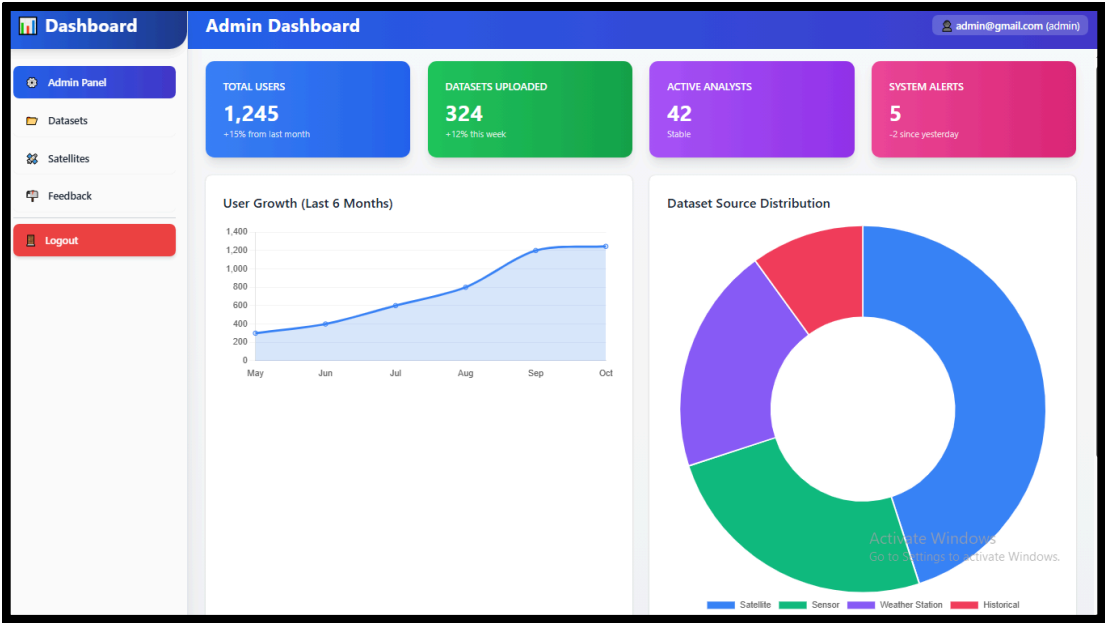
 **Register Now**

Already have an account? [Login](#)

Activate Windows
Go to Settings to activate Windows.

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Dashboard

Admin Panel

Datasets

Satellites

Feedback

Logout

Datasets

Search by name or description...

dd/mm/yyyy

dd/mm/yyyy

Reset

Name	Description	Created At	Actions
Solar Radiation Forecasting Dataset	Hourly solar irradiance and UV index readings col...	Oct. 5, 2025, 11:25 p.m.	View Edit Delete
Global Climate Data 2025	Comprehensive global temperature, humidity, and p...	Oct. 5, 2025, 11:20 p.m.	View Edit Delete
Internet	internet	Oct. 4, 2025, 8:57 a.m.	View Edit Delete
Global	Climate Data Online (CDO) provides free access to...	Oct. 4, 2025, 8:33 a.m.	View Edit Delete

+ Add Dataset

Activate Windows

Go to Settings to activate Windows.

Dashboard

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Add Dataset

Add Dataset

Dataset Name

e.g. Global Climate Data 2025

Source Type

File

File Format

Select

Upload File

Choose File No file chosen

Start Date

dd/mm/yyyy

End Date

dd/mm/yyyy

Realtime Dataset

Description

Write short description...

Save Dataset

Cancel

Activate Windows

Go to Settings to activate Windows.

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Satellite Datasets

Satellite Data Explorer

Search Satellite... All

International Space Station

ID: 25544

Status: Active

Launch: 1998-11-20

More Info

Hubble Space Telescope

ID: 40019

Status: Active

Launch: 1990-04-24

More Info

NOAA-20

ID: 43226

Status: Active

Launch: 2017-11-18

More Info

Envisat

ID: 29155

Status: Retired

Launch: 2002-03-01

More Info

Aqua Satellite

ID: 27607

Status: Active

Launch: 2002-05-04

More Info

Terra Satellite

ID: 39427

Status: Active

Launch: 1999-12-18

More Info

Sentinel-1A

ID: 41866

Status: Active

Launch: 2014-04-03

More Info

Sentinel-2A

ID: 41867

Status: Active

Launch: 2015-06-23

More Info

Jason-3

ID: 42769

Status: Active

Launch: 2016-01-17

More Info

TESS

ID: 44420

Status: Active

Sentinel-6 Michael Freilich

ID: 47306

Status: Active

Suomi NPP

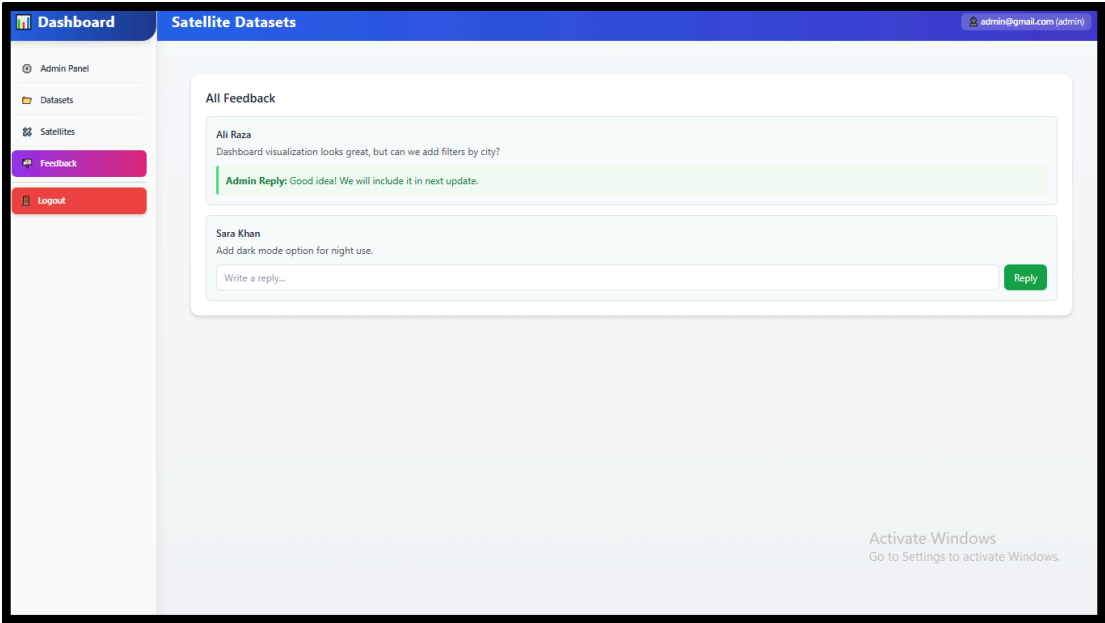
ID: 37949

Status: Active

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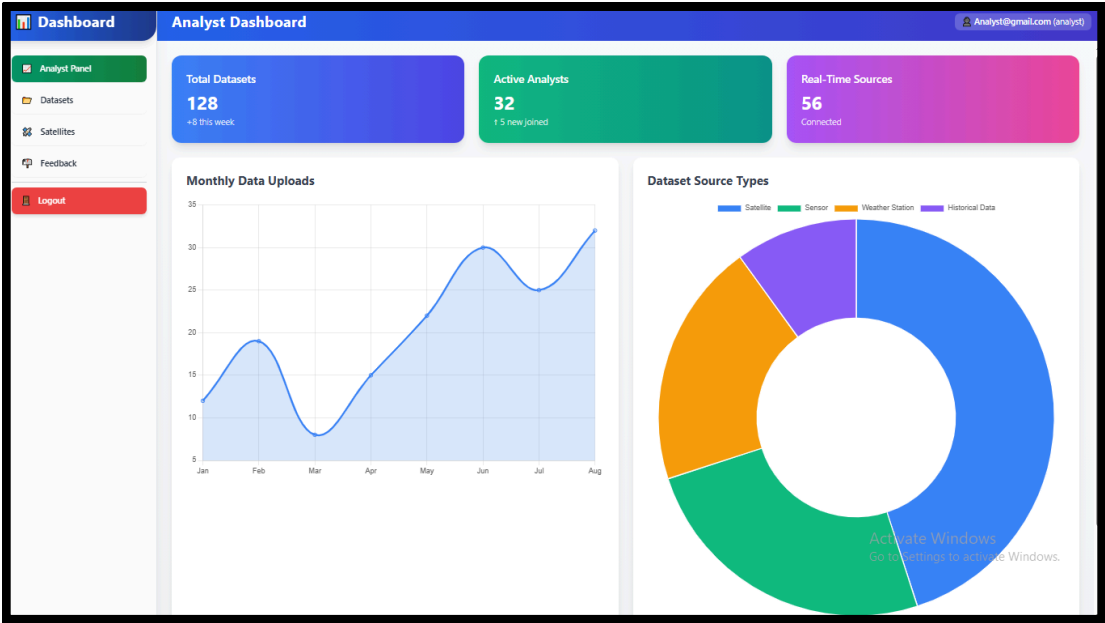


Tableau Dashboard

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