

Project – 1

PlotPilot - Data Insight Dashboard with AI Assistance

Tech stack :

Frontend – React js, tailwind css, chart js, react ploty (for 3D charts)

Backend – Node, express js , Mongodb atlas , Multer, Together AI API (for the chat board)

This project is live at : <https://plottpilot.netlify.app>

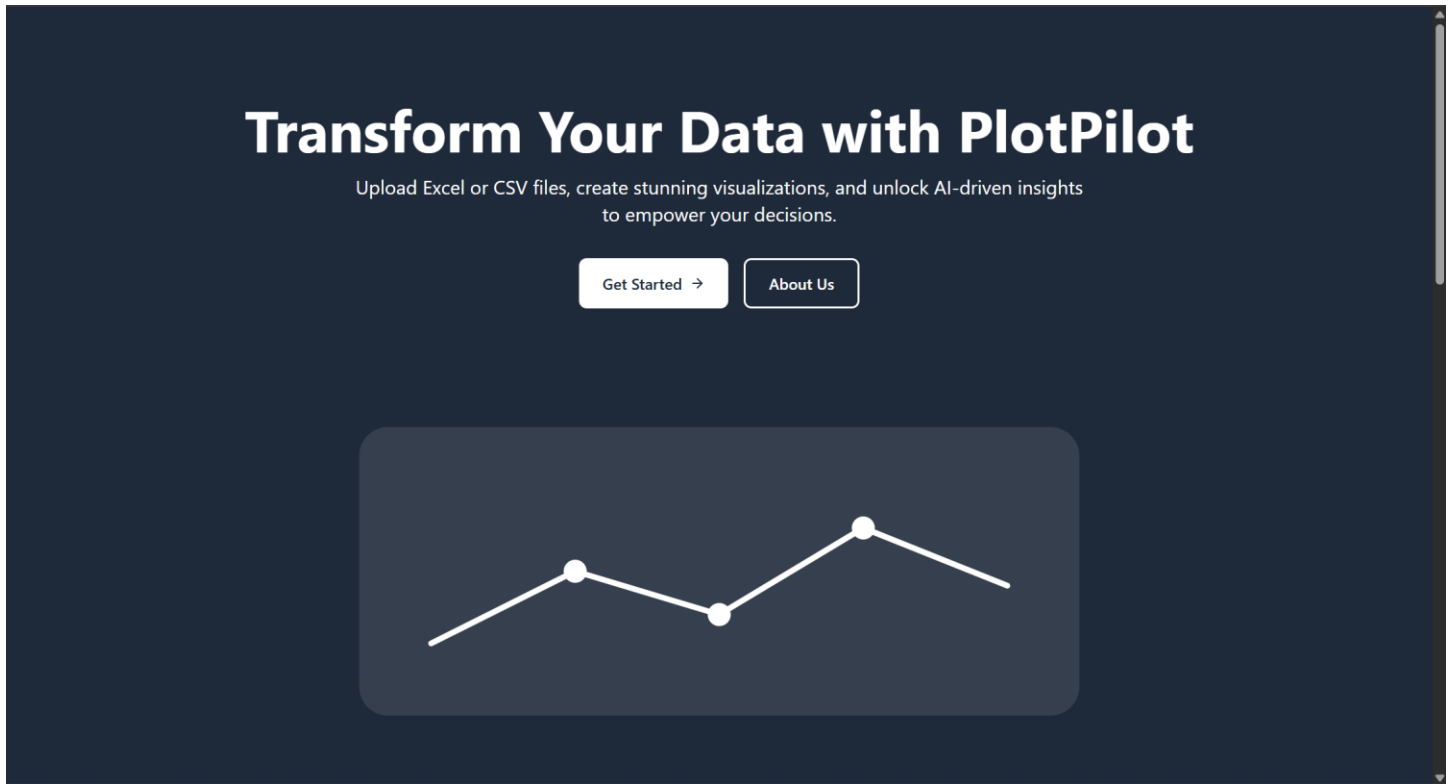
But is very slow because of free hosting

Git hub repo : https://github.com/jenil-p/data_plotting

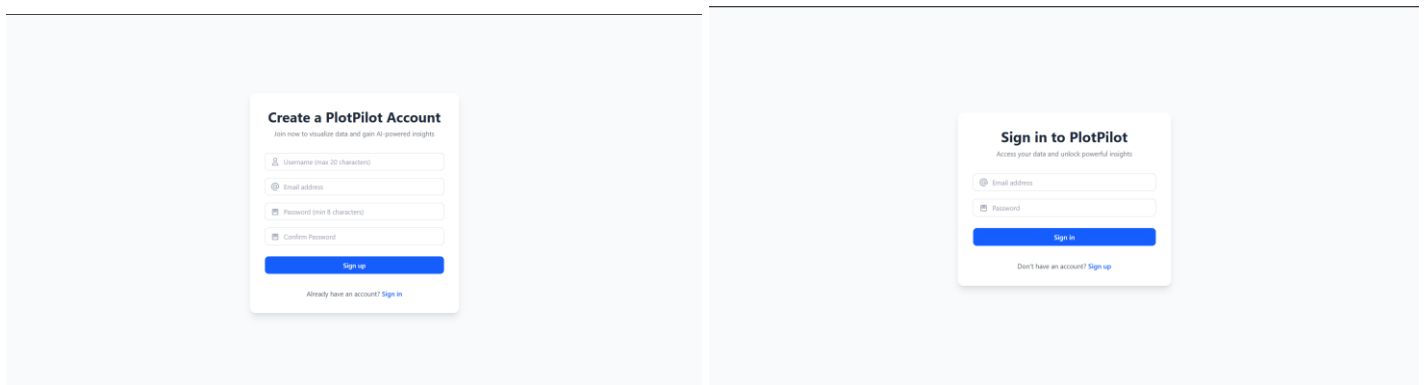
Features Overview (with screenshots):

User Features :

Landing page :

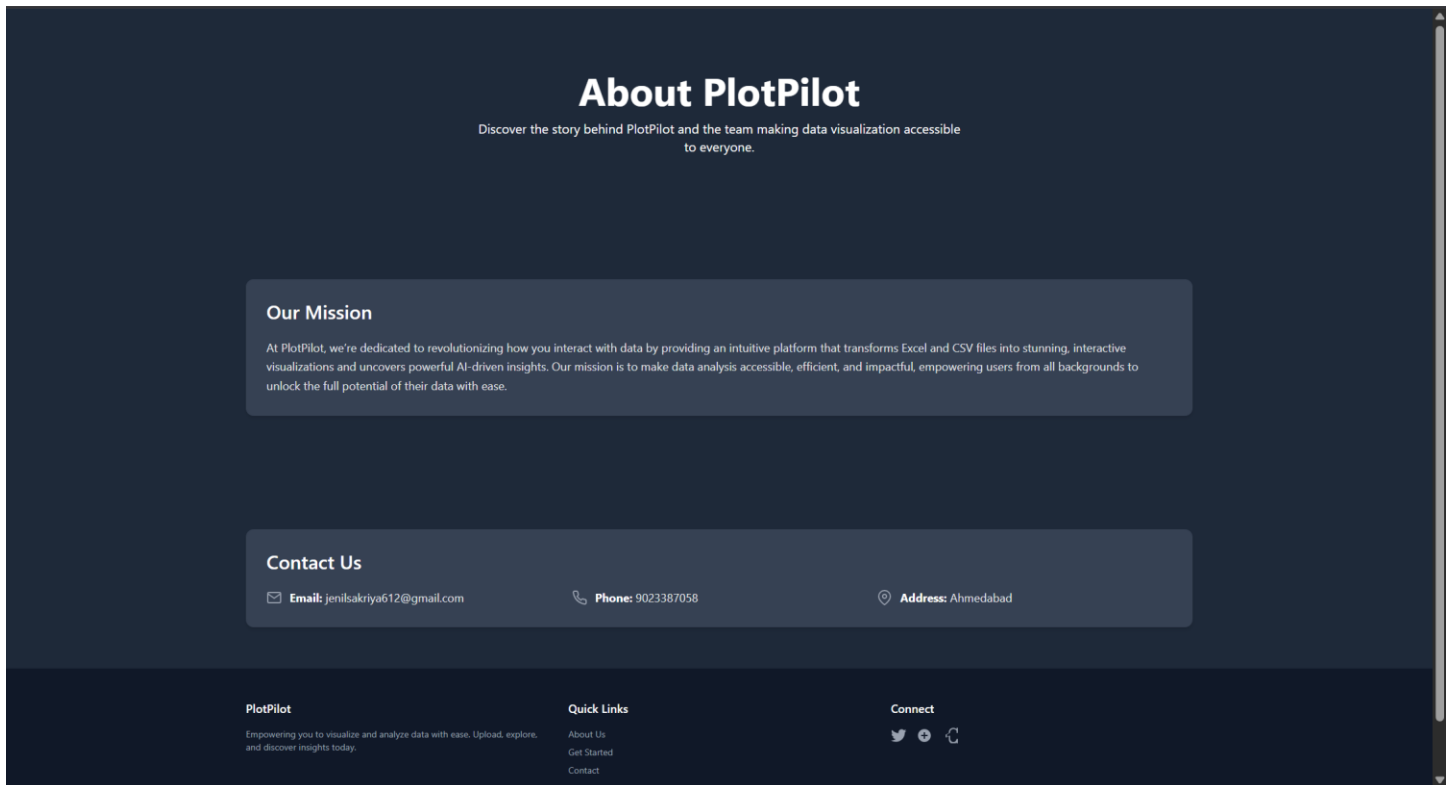


Login & signup pages :

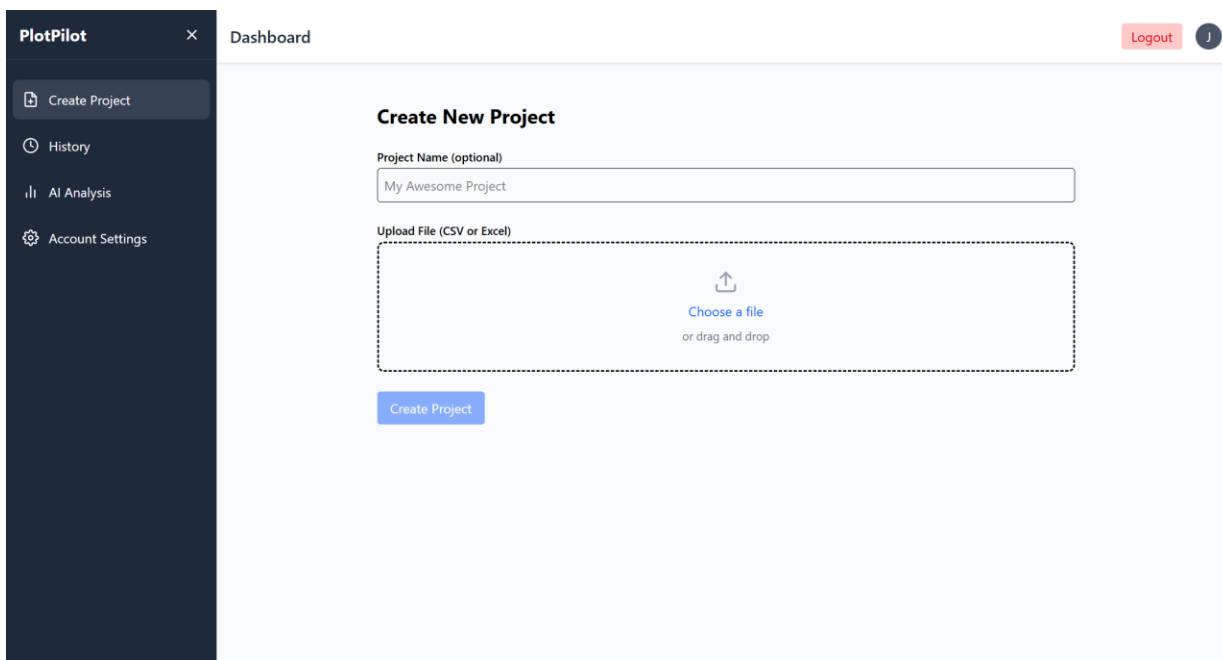


About us :

→ here 'our mission' , 'contact us' , 'Our Team' is dynamically set by the admin panel...



User after sign in or login:



Can upload new excel file and create a new project and name it :

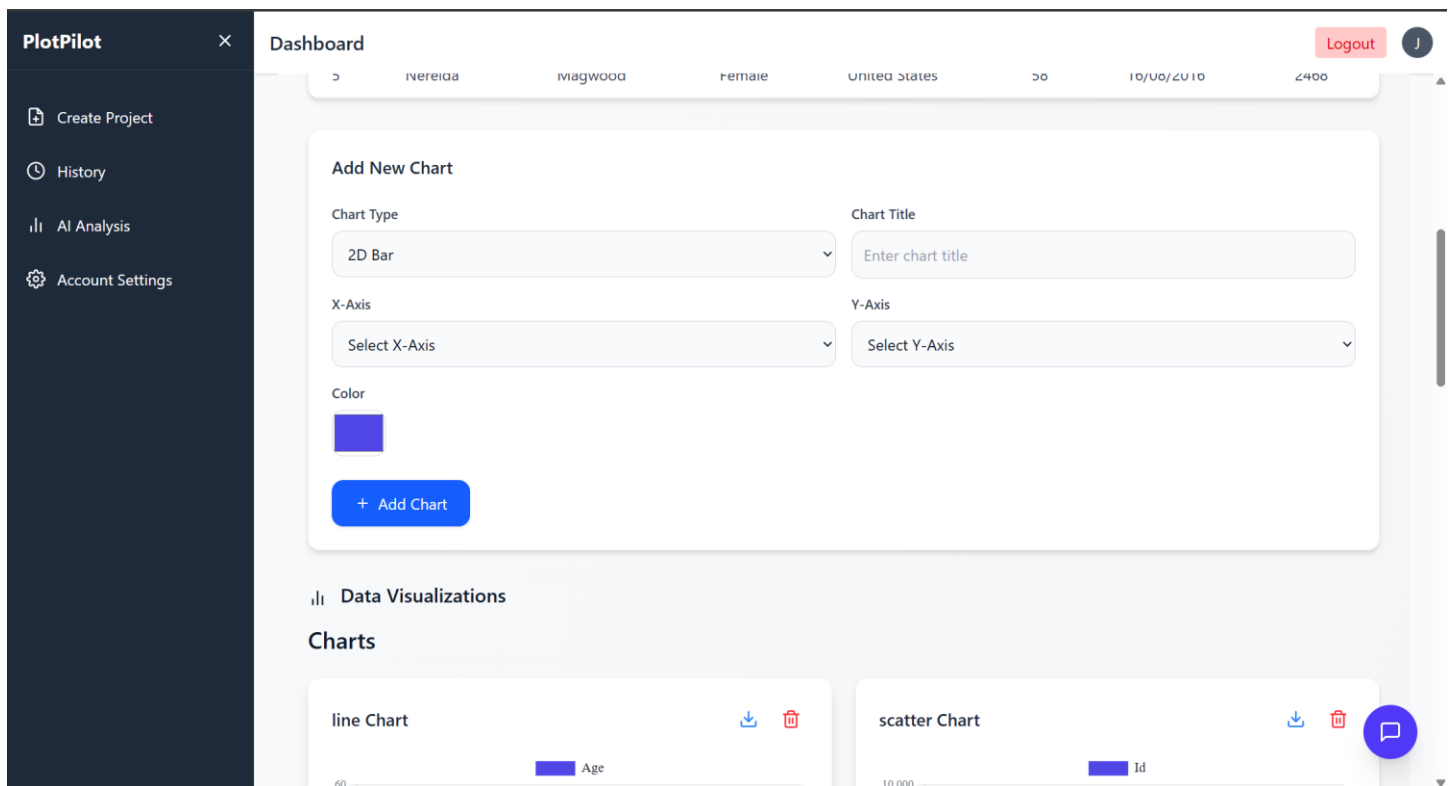
For example let's take it as 'Example 1'

After uploading and naming the project on click Create Project user will redirect to this page there he will see his files first 5 rows as kind of preview and there is also given that how many and which rows the file has :

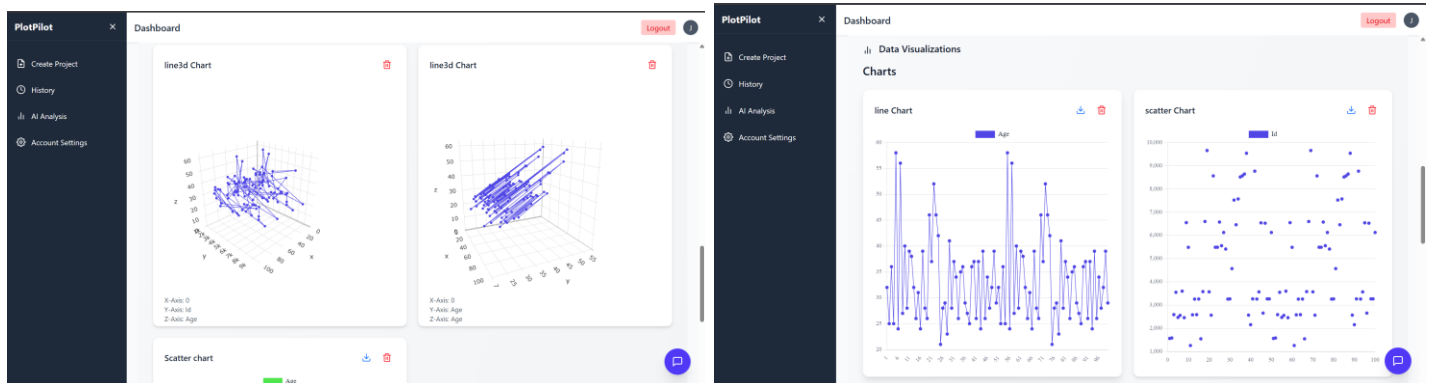
The screenshot shows the PlotPilot dashboard. On the left is a dark sidebar with navigation links: 'Create Project', 'History', 'AI Analysis', and 'Account Settings'. The main area is titled 'Dashboard' and features a project named 'example 1'. Above the project name are buttons for 'Download PDF' and 'Delete Project'. Below the name, the columns are listed: '0', 'First Name', 'Last Name', 'Gender', 'Country', 'Age', 'Date', and 'Id'. The file name 'file_example_XLS_100.xls' is displayed. A 'Data Preview (First 5 Rows)' section contains a table with 5 rows of data.

0	First Name	Last Name	Gender	Country	Age	Date	Id
1	Dulce	Abril	Female	United States	32	15/10/2017	1562
2	Mara	Hashimoto	Female	Great Britain	25	16/08/2016	1582
3	Philip	Gent	Male	France	36	21/05/2015	2587
4	Kathleen	Hanner	Female	United States	25	15/10/2017	3549
5	Nereida	Magwood	Female	United States	58	16/08/2016	2468

Below that user will see the 'Add new Chart' section where he can select the type of chart, the axis and color also he can name the chart there. Then on click Add chart he will get the chart added in the project...

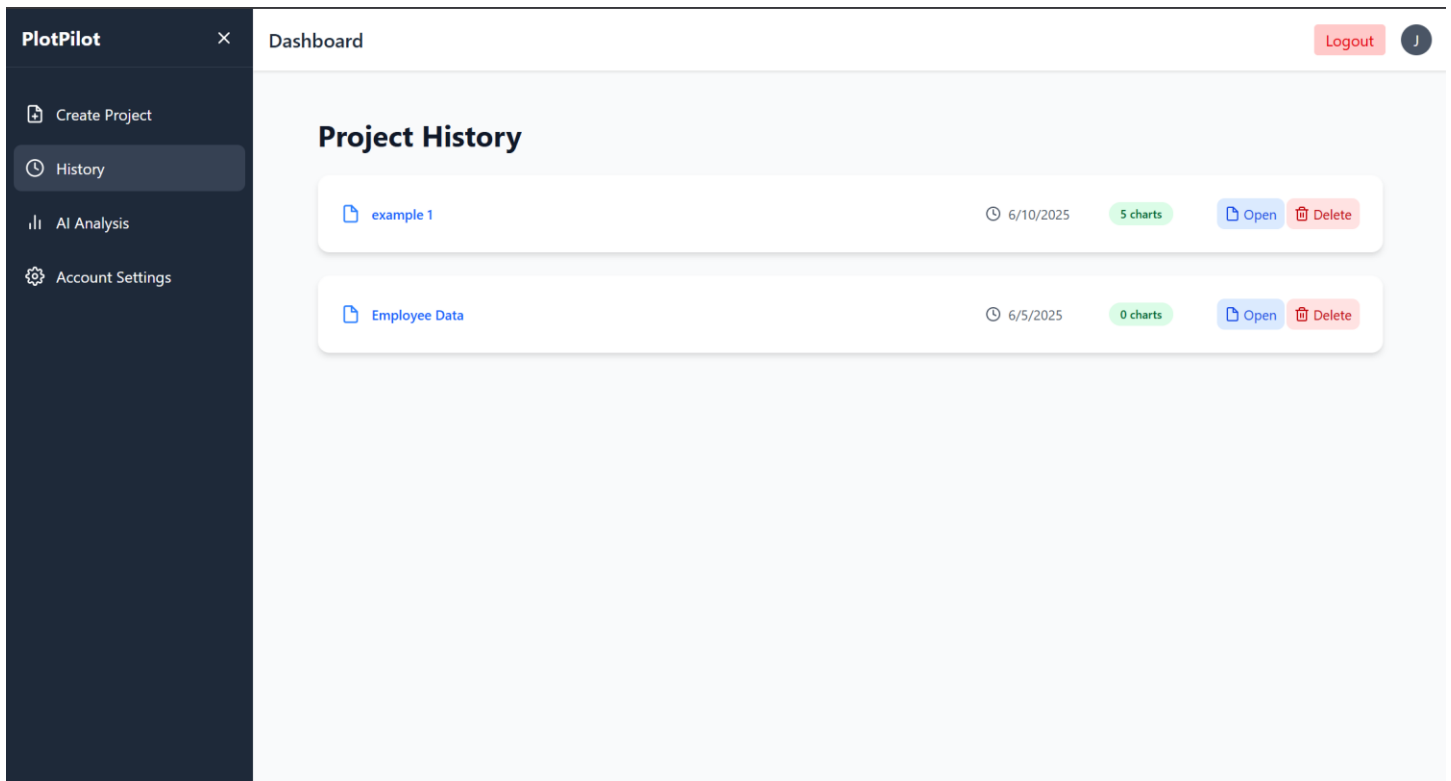


Charts will look like this



Etc.

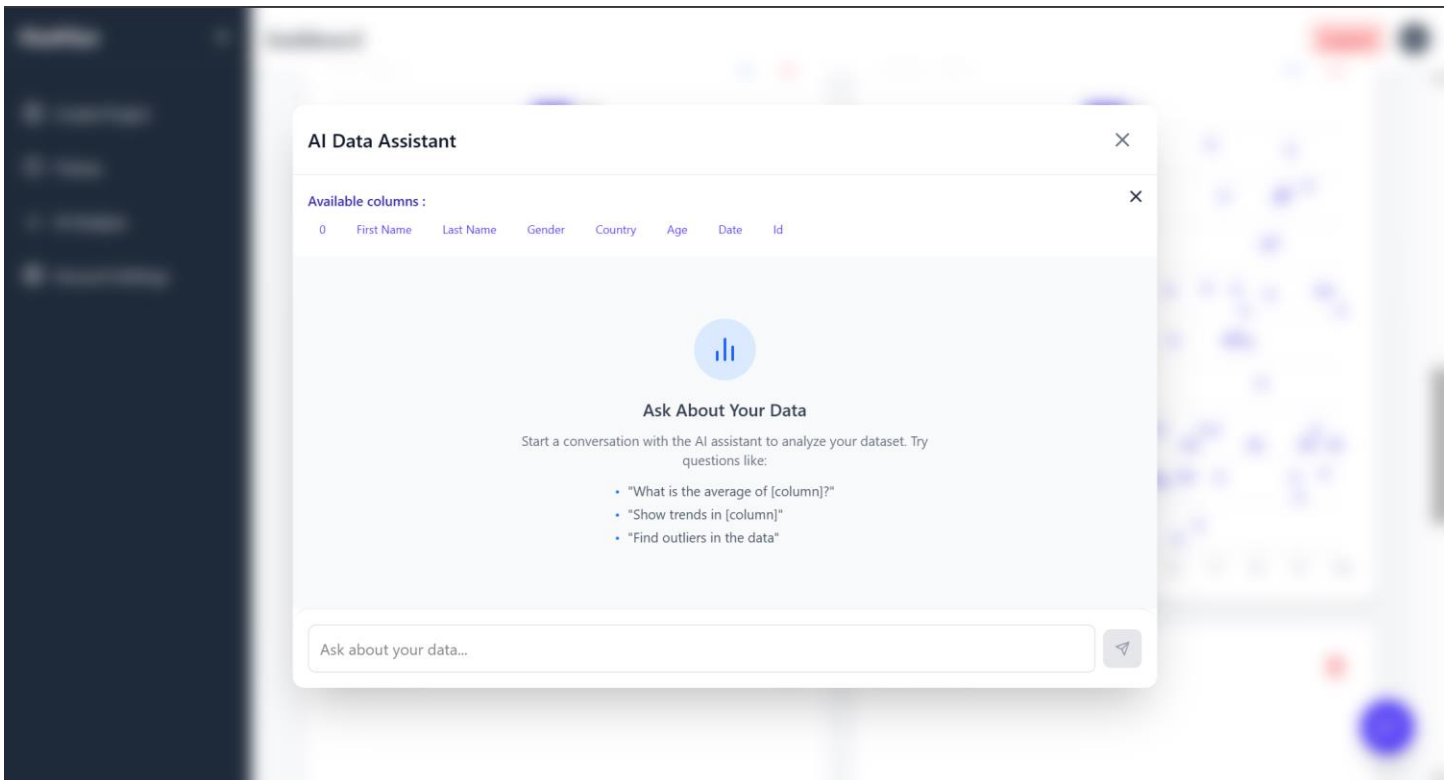
Then he can see and manage his history ...



He also can download his project (There is a button namely 'Download Pdf' above the 5 row file preview) where he will get File preview that are in this page all that , charts attached , summary of numerical columns.

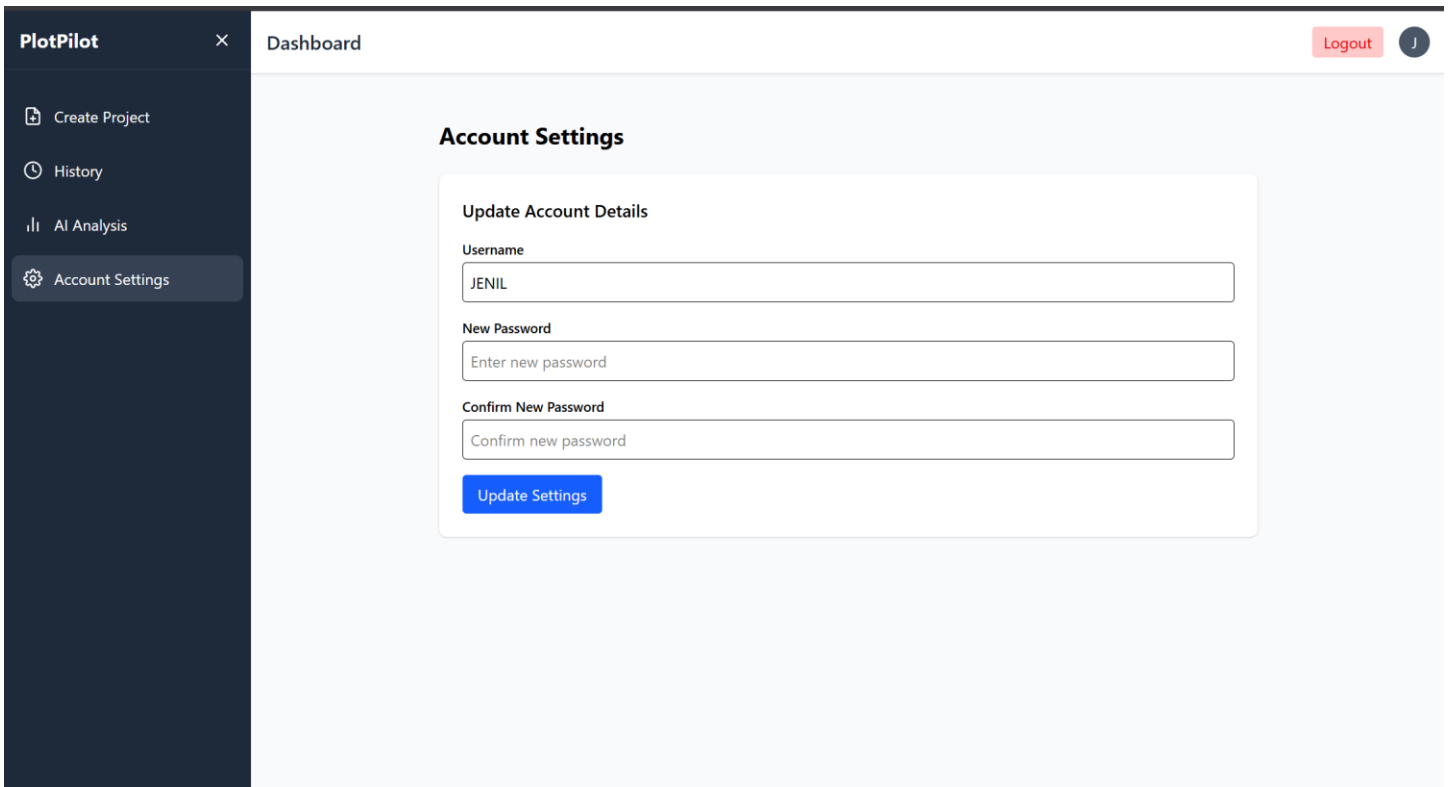
AI analysis :

You must have noticed that Purple chat type button at bottom right in every screenshot on click that this will open ...



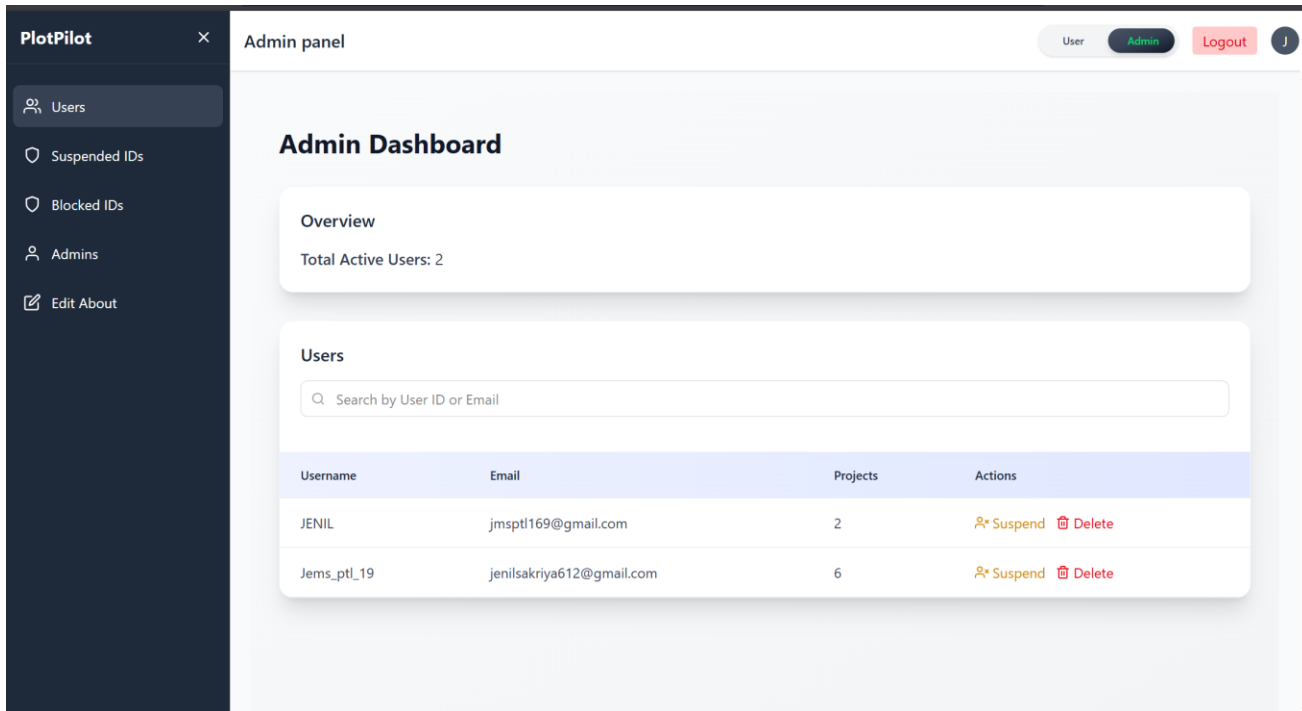
Where user can talk about his data with AI...

Account settings:



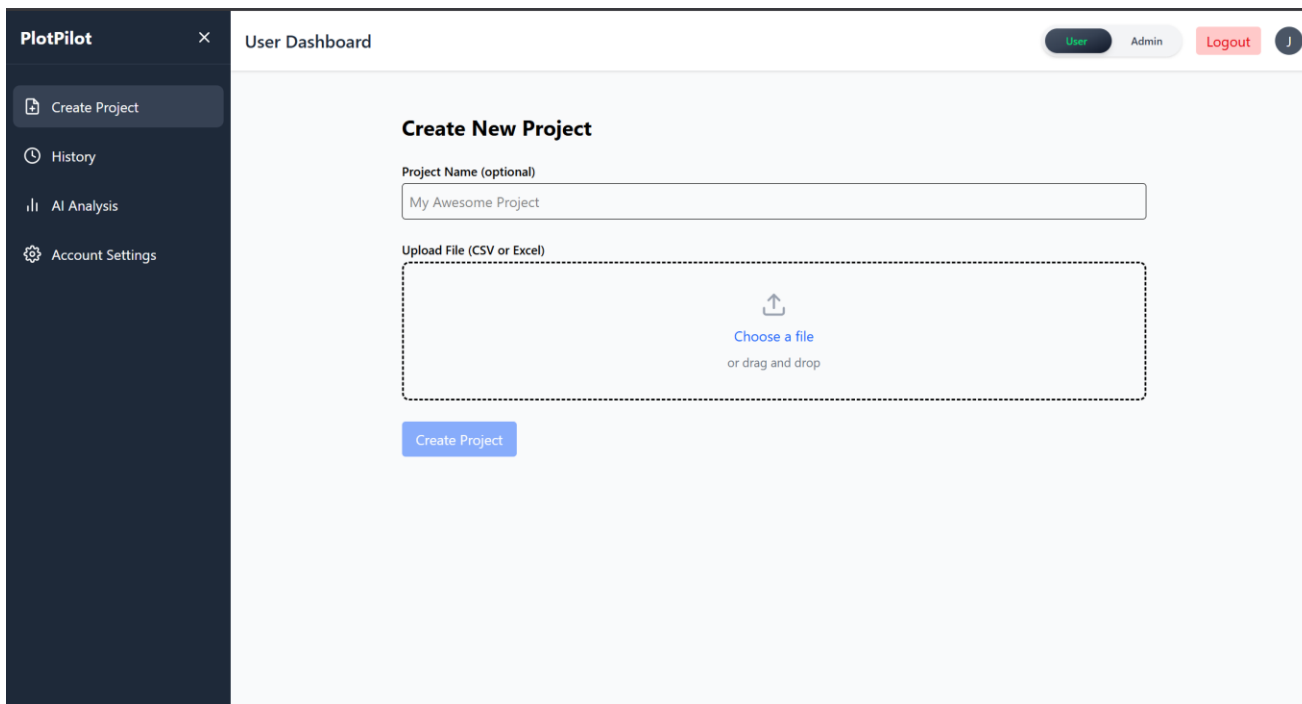
Admin :

User Simply login as normally if he/she is admin then will get this toggle button at the navbar as shown in below screenshots where he/she can toggle between user dashboard and admin panel like this ...



The screenshot shows the Admin Dashboard in PlotPilot. The left sidebar contains navigation links: Users, Suspended IDs, Blocked IDs, Admins, and Edit About. The main content area is titled "Admin Dashboard" and includes an "Overview" section showing "Total Active Users: 2". Below this is a "Users" section with a search bar and a table of active users.

Username	Email	Projects	Actions
JENIL	jmspt169@gmail.com	2	Suspend Delete
Jems_ptl_19	jenilsakriya612@gmail.com	6	Suspend Delete



The screenshot shows the User Dashboard in PlotPilot. The left sidebar contains navigation links: Create Project, History, AI Analysis, and Account Settings. The main content area is titled "User Dashboard" and includes a "Create New Project" section. This section has a text input for "Project Name (optional)" with the value "My Awesome Project". Below this is a file upload section labeled "Upload File (CSV or Excel)" with a dashed border and a "Choose a file" link. At the bottom is a "Create Project" button.

So that admin can get both the features as user and admin at the same time ...

Admin features :

Admin can manage users as shown in above screen shots...

Can suspend, un suspend, delete permanently, Promote to the admin, demote to user.

And as I said that About Us is dynamically managed by Admin

Here it is ...

The screenshot displays the 'PlotPilot' Admin panel. On the left is a dark sidebar with navigation links: Users, Suspended IDs, Blocked IDs, Admins, and Edit About (highlighted). The main content area is titled 'About Page Editor' with the subtitle 'Edit and preview your about page content'. It features three main sections: 'Our Mission' with a text area containing a paragraph about PlotPilot's mission; 'Our Team' with a table for adding members (Name, Role, Initials) and an '+ Add Member' button; and 'Contact Information' with fields for Email, Phone, and Address. A 'Save Changes' button is at the bottom left. On the right is a 'Preview' section with a 'View Live >' link, showing a live preview of the mission statement and team members (including 'jenil patel' as a Developer). The top right of the panel shows user controls: 'User', 'Admin' (active), 'Logout', and a profile icon.

So that was about First project ...