

iNeuron.ai
Wireframe
Big Data Internship Report



Social media community using optimized clustering
algorithm

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Wireframe

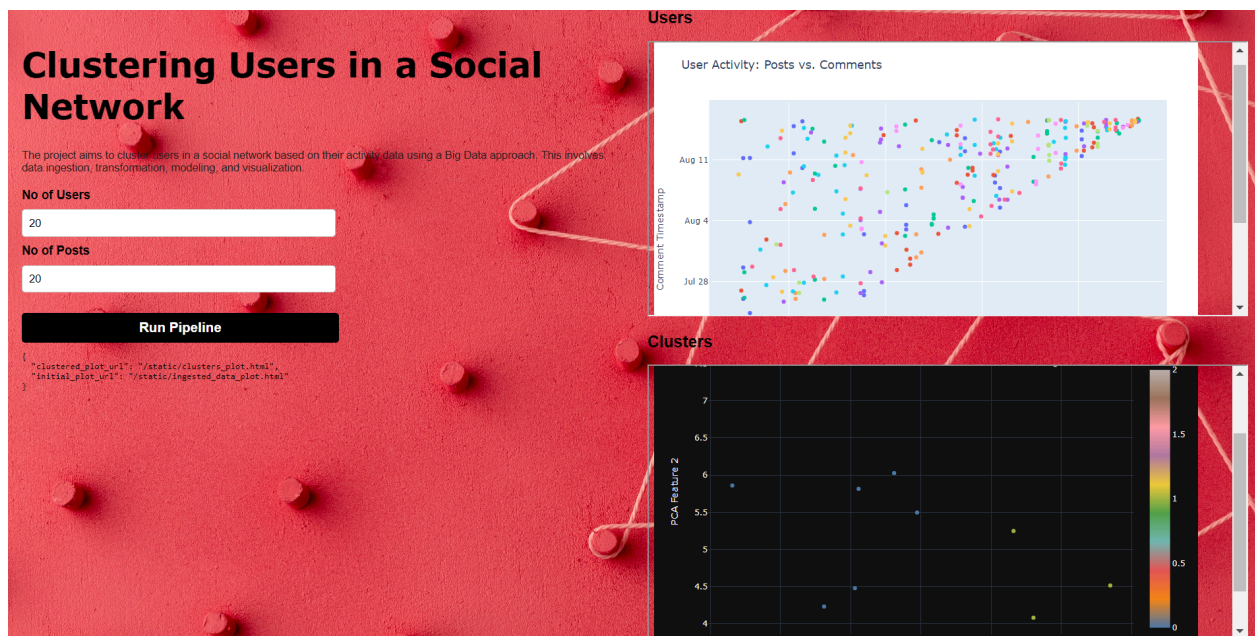
1. Homepage

- Title: "Social Network User Clustering"
- Description: Brief explanation of the project's purpose and functionality.
- Button: "Run Pipeline"
- Status Area: Displays real-time updates of the pipeline progress using Flask-SocketIO.

2. Visualization Plots

- Title: "User Clusters Visualization"
- Plot Area: Displays the interactive scatter plot of clustered users.
- Legend: Shows cluster color coding.
- Button: "Back to Homepage"

Wireframe Details



Wireframe Explanation

1. Homepage:

- The homepage provides a simple interface to introduce the project and allow users to start the clustering pipeline. The "Run Pipeline" button initiates the process, and a status area provides real-time feedback about each step of the pipeline, such as data ingestion, transformation, and model training.

2. Visualization Plots:

- After the pipeline completes, users are directed to a visualization page where they can see the clustering results. An interactive scatter plot displays the clusters, with each point representing a user. The legend helps identify which color corresponds to which cluster.