

Prototype of **INDIAGENX**

Team Name- **UniCoderz**

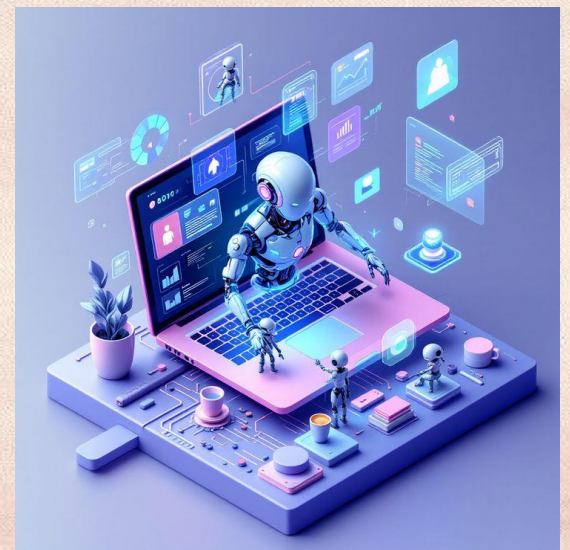
Topic -Genomic Data Pipelines Optimized with AI for Indian Diversity(Revolutionizing Precision Medicine with Secure AI-Driven Solutions)

About :-

India is home to immense genetic diversity, yet it remains significantly underrepresented in global genomic datasets. This gap limits the effectiveness of precision medicine, as population-specific genetic variations and health risks are often overlooked. Moreover, securely processing and sharing sensitive genomic data across institutions presents significant challenges, particularly in resource-limited settings. To bridge this gap, advanced data pipelines integrated with AI can enable seamless genomic and clinical data integration, ensuring security, privacy, and interoperability.

Prototype pages:-

- 1.Login page
- 2.Home Dashboard (AI-Driven Insights)
3. Data Upload & Processing (Genomic & Clinical Data Integration)
- 4.AI-Powered Analysis & Visualization
- 5.Secure Data Exchange & Collaboration
6. Reporting & Exporting Genomic Insights
7. Settings & Compliance Management



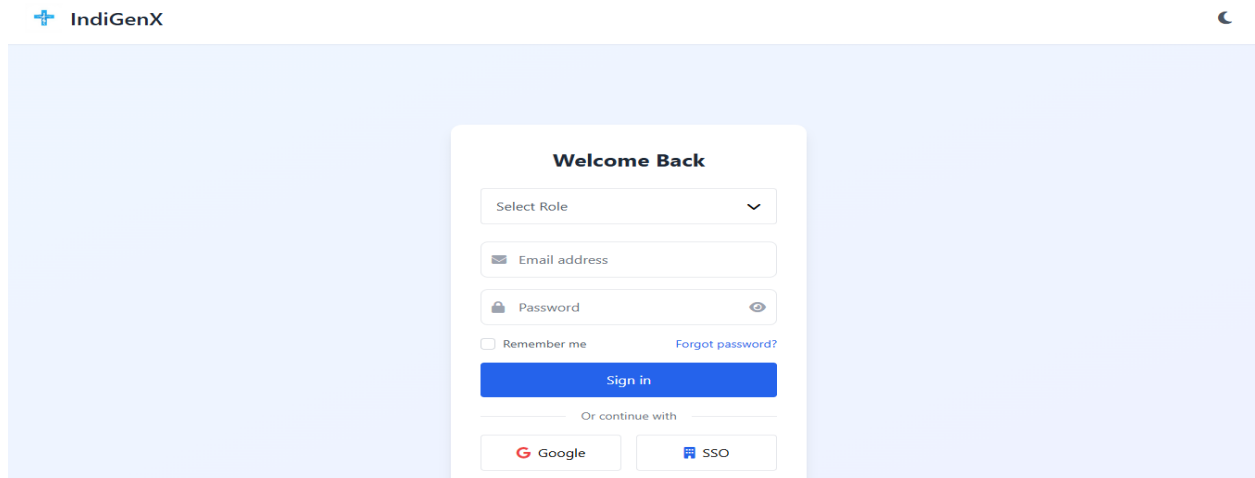
Github:- <https://github.com/SRIYA-BOSE>

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1.Login page



The image shows the login page for IndiGenX. At the top left is the IndiGenX logo, and at the top right is a dark circular icon. The main content is a white login card centered on a light blue background. The card has the title "Welcome Back" and contains the following elements: a "Select Role" dropdown menu, an "Email address" input field with an envelope icon, a "Password" input field with a lock icon and a toggle eye icon, a "Remember me" checkbox, a "Forgot password?" link, a blue "Sign in" button, and a section titled "Or continue with" with "Google" and "SSO" buttons.

IndiGenX

Welcome Back

Select Role

Email address

Password

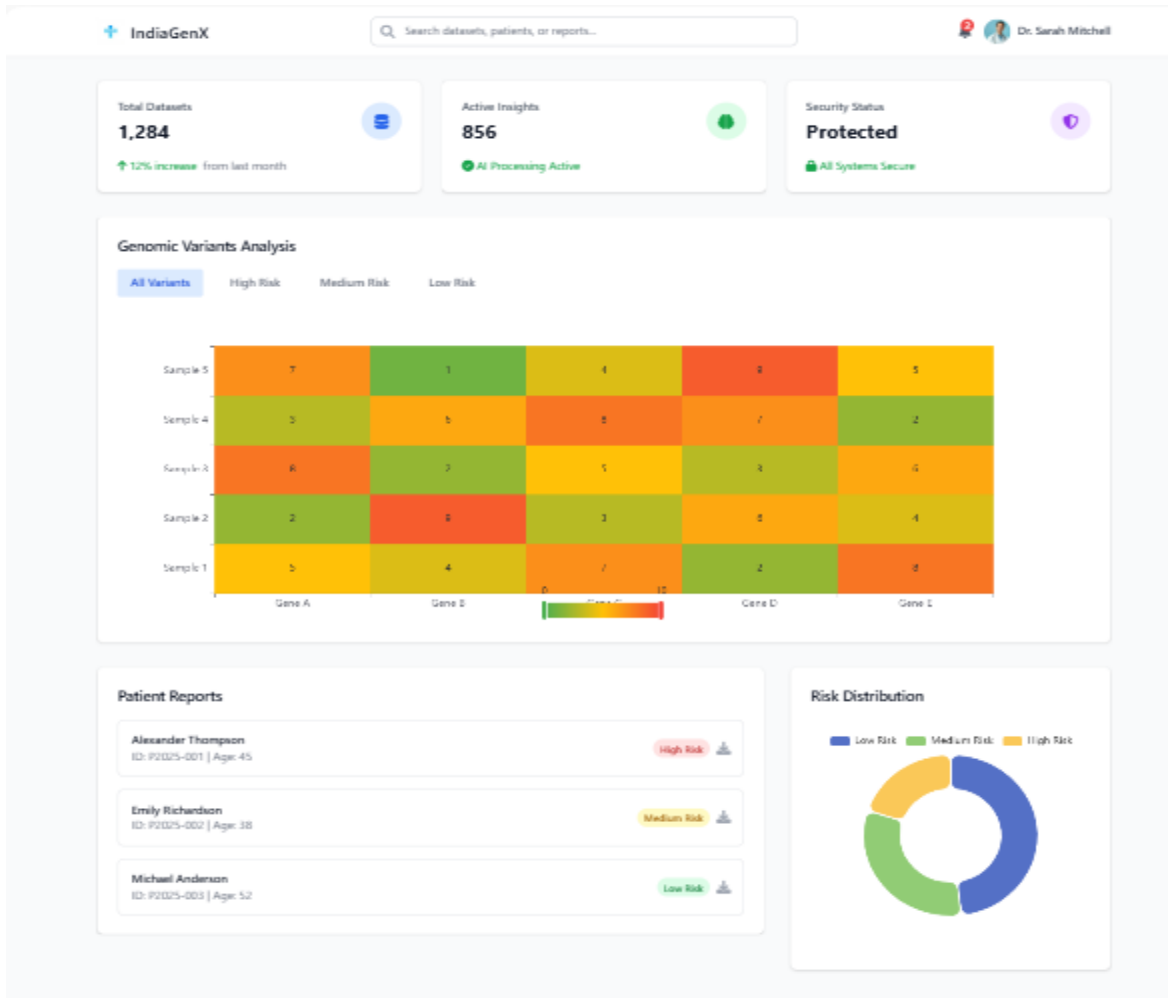
☐ Remember me [Forgot password?](#)

Sign in

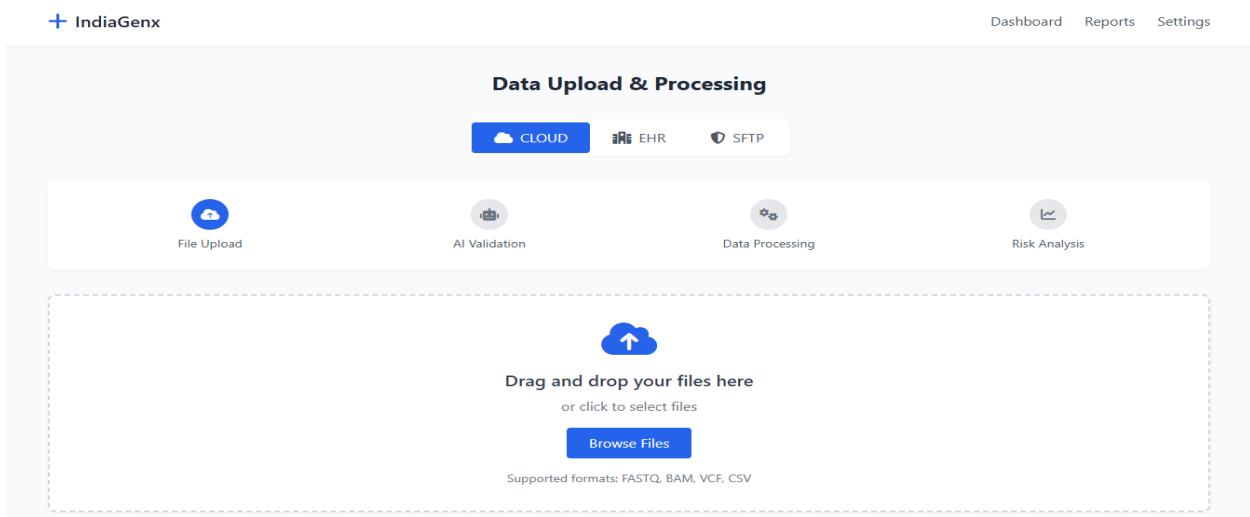
Or continue with

Google SSO

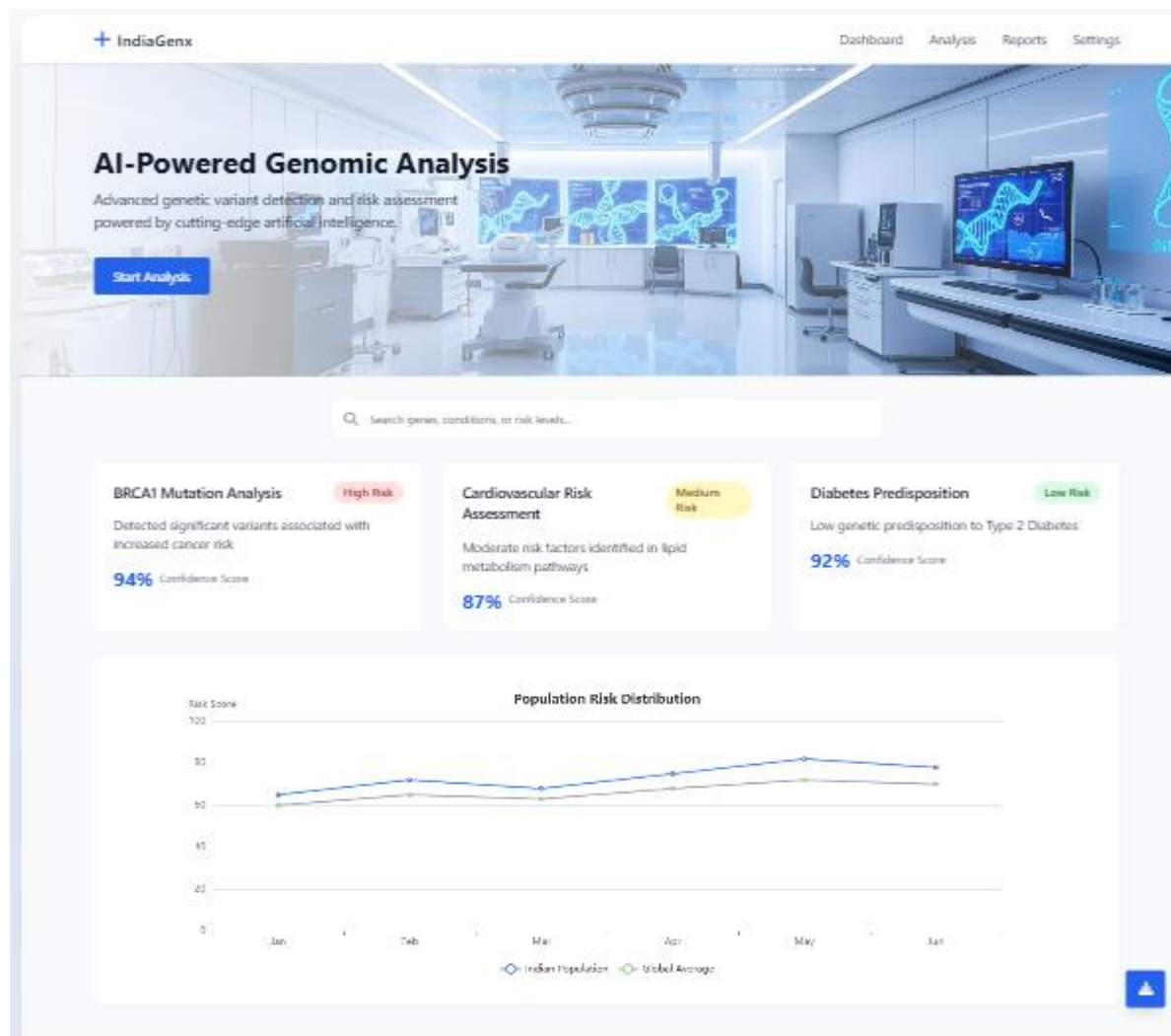
2.Home Dashboard (AI-Driven Insights)



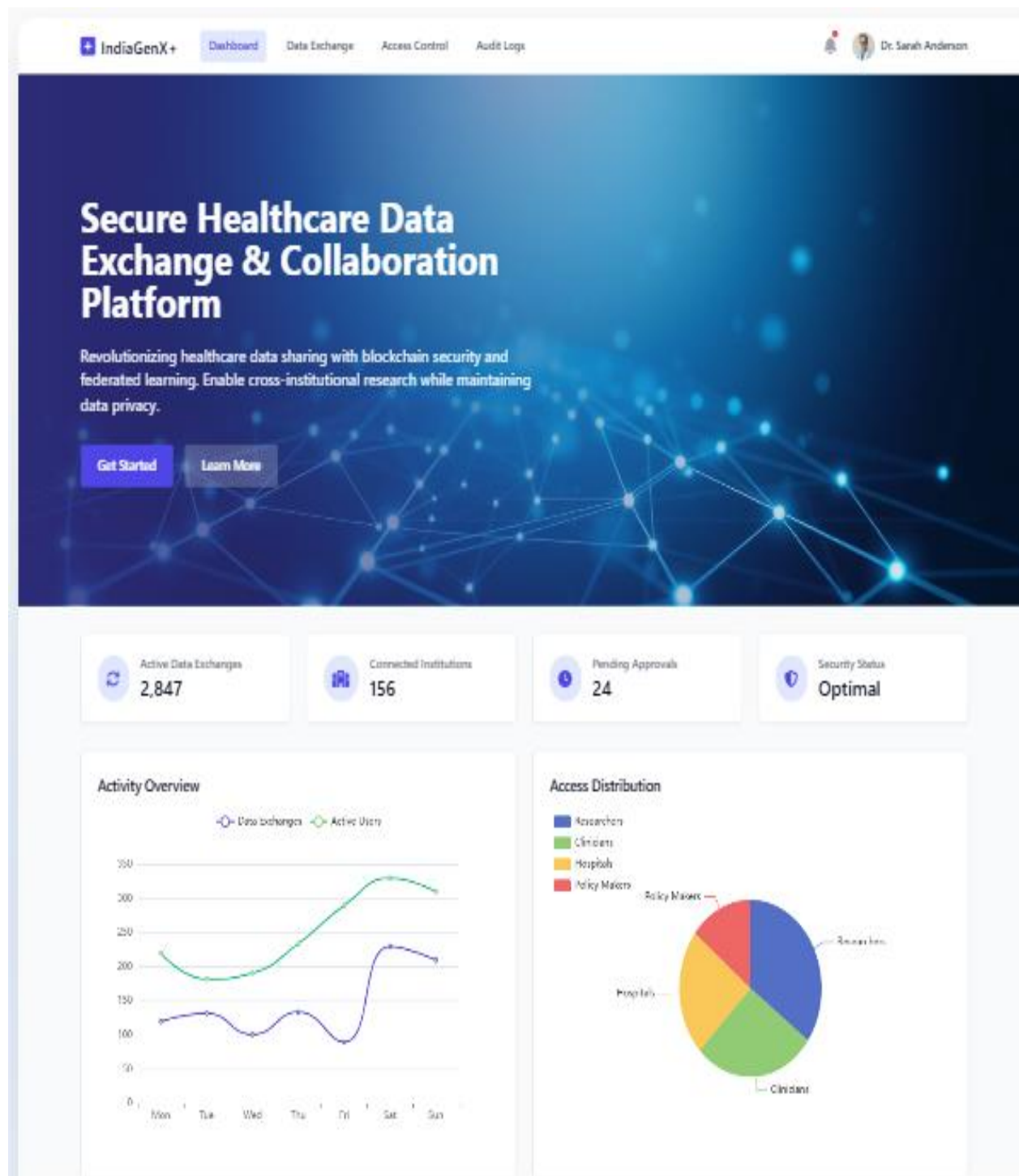
3. Data Upload & Processing (Genomic & Clinical Data Integration)



4.AI-Powered Analysis & Visualization



5. Secure Data Exchange & Collaboration



6. Reporting & Exporting Genomic Insights

Reporting & Export

Generate and export genomic analysis reports with customizable templates

Clinician Researcher Policymaker

Report Configuration

Genomic Markers

- ☐ DNA Methylation
- ☐ Single Nucleotide Variants
- ☐ Copy Number Variations
- ☐ Gene Expression Levels
- ☐ Protein Biomarkers

Language

English

Risk Distribution



Export Options

PDF



Export Report

Recent Exports

Clinical Report - Patient 2458	PDF
2025-01-01	
Research Analysis - Batch 147	XLSX
2025-01-01	
Policy Overview - Q1 2025	JSON
2025-01-01	

Trend Analysis

