Learning Gap Analyzer

AI-Powered Educational Analytics Platform

Comprehensive App Presentation

App Overview

A modern web application that helps students identify learning gaps by analyzing their test and assignment performance data, providing personalized insights and actionable recommendations.

📊 Student Dashboard

Real-time performance overview with interactive charts and AI-generated insights
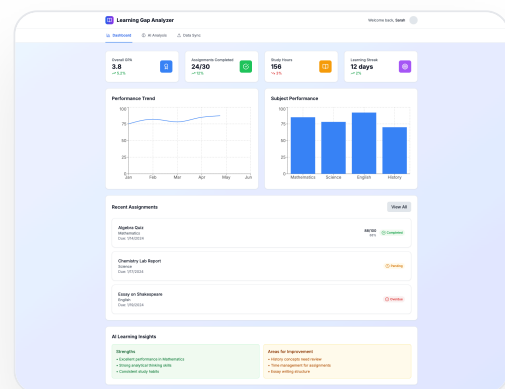
🧠 AI Analysis

Advanced algorithms identify learning gaps and provide personalized recommendations

🔄 Data Sync

Seamless integration with learning platforms and file upload capabilities
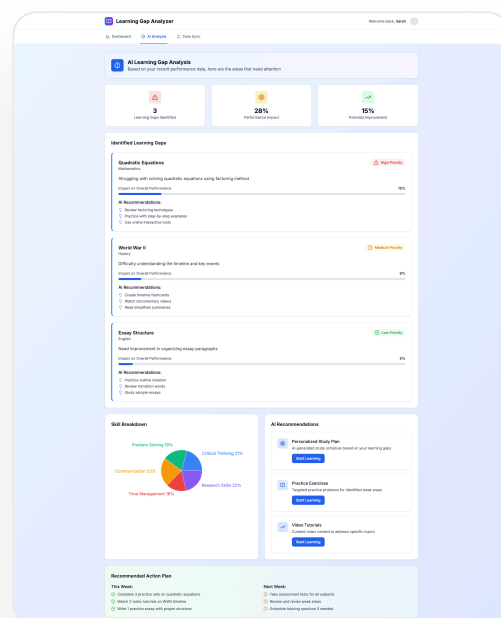
Student Dashboard

Main dashboard showing performance overview, charts, recent assignments, and AI insights
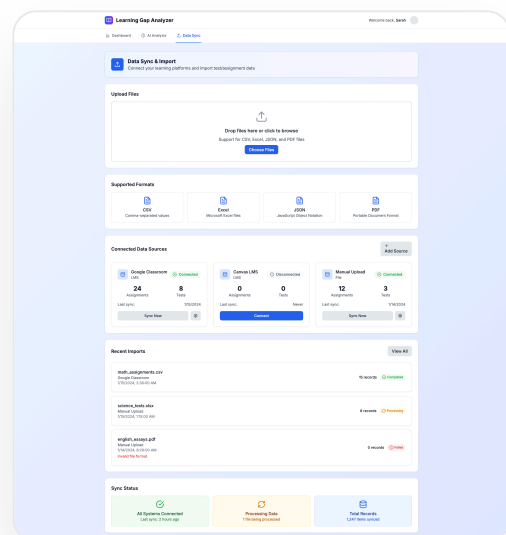
AI Learning Gap Analysis

AI-powered analysis showing identified learning gaps, severity levels, and personalized recommendations
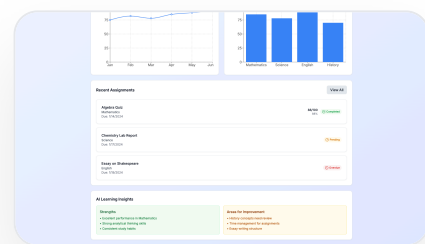
Data Sync & Import

File upload interface, supported formats, connected data sources, and import history
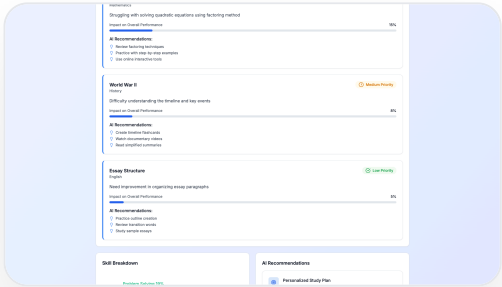
Performance Charts

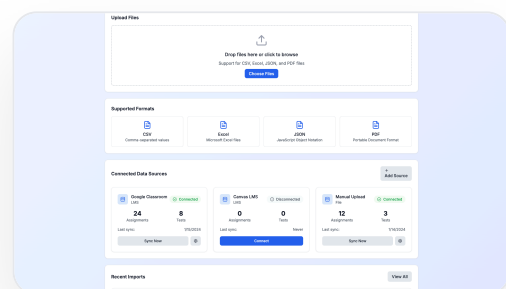Interactive charts showing performance trends and subject breakdowns

Learning Gap Details

Detailed view of identified learning gaps with severity levels and impact scores

File
Upload
Interface

Drag and drop file
upload area with
supported format
indicators

Technology Stack

Next.js 14

React framework with App Router

TypeScript

Type-safe development

Tailwind CSS

Utility-first styling

Recharts

Data visualization

Lucide React

Modern icon library

Puppeteer

PDF generation

Thank You!

Learning Gap Analyzer - Transforming Education with AI

Ready for deployment and further development