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| Project title |
| AutoInsight : Empowering companies with instant data analytics |
| Team Members |
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| System Architecture |
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| List of Function |
|  **User Authentication System**   * Sign-up and login using third-party providers: Google, Facebook, GitHub. * Password recovery through a "Forgot Password" feature.    **Dataset Upload and Automated Preprocessing**   * Upload datasets from various business domains. * Automated preprocessing including data cleaning and formatting.    **Automated Data Analysis**   * Descriptive analysis. * Diagnostic analysis. * Exploratory data analysis (EDA). * Predictive analysis including time series forecasting using the Prophet model.    **Automated Dashboard Generation**   * Pre-built dashboards for specific domains such as:   + E-commerce   + Education    **Interactive Dashboard Filtering**   * Filter dashboards based on user-defined criteria (e.g., top 10, monthly or yearly forecast).    **Dashboard and Dataset Management**   * Download, rename, and delete dashboards and datasets.    **Integrated Chatbot Support**   * AI-powered chatbot using the Gemini API for user assistance and queries.    **Collaborative Dashboard Sharing**   * Share dashboards with team members using role-based access control. * Share dashboards with users with defined permission levels.    **Review and Sentiment Analysis System**   * Collect user reviews and perform sentiment analysis to extract insights.    **Administrative Dashboard**   * Admin panel for monitoring customer behavior and platform usage analytics.    **Notification System** |