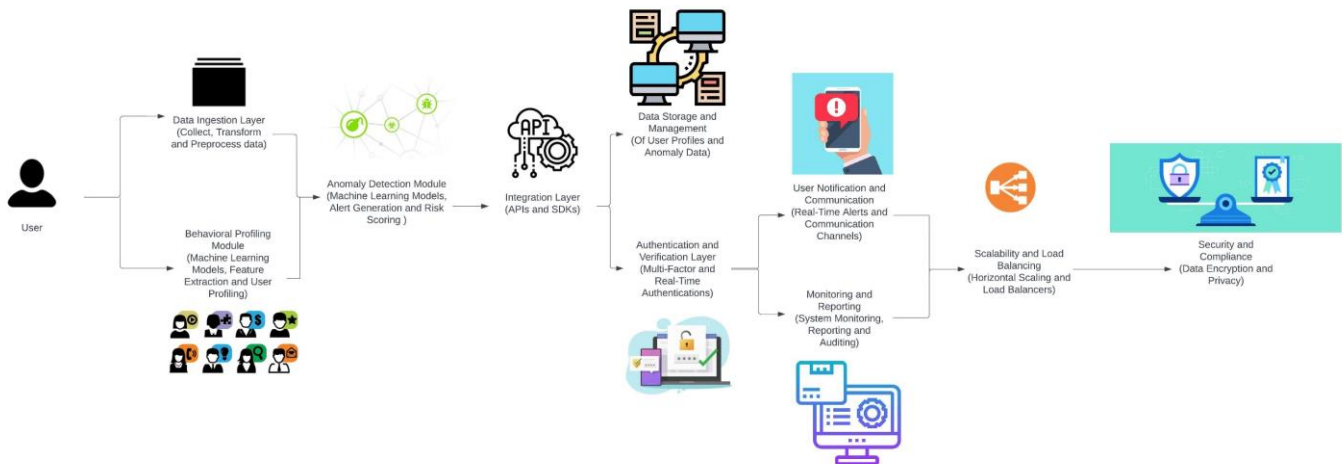


Project Design Phase-I

Solution Architecture

Date	26 October 2023
Team ID	7.3
Project Name	AI system that verifies user identities based on their online behavior patterns, adding an extra layer of security.
Maximum Marks	4 Marks

Solution Architecture:



The system collects user behavior data from various sources, preprocesses it, extracts features, creates user profiles, trains a machine learning model, deploys the model to production, monitors user behavior in real-time, detects anomalous activities, and takes appropriate action based on detected anomalies. The system cleans and normalizes the collected data, extracts relevant features, creates user profiles based on extracted features, trains a machine learning model to learn legitimate user behavioral patterns, and deploys the trained model to production. The system then monitors user behavior in real-time, detects anomalous activities by comparing the user's current behavior to their established behavioral profile, and takes appropriate action based on detected anomalies, such as prompting the user for additional authentication, terminating the session, or notifying the business of potential threats.