

Case Study 1: AI-Powered Attendance System

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Applied computer vision and NLP techniques.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 2: Smart Agriculture IoT Platform

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Applied computer vision and NLP techniques.

Impact:

Improved accuracy by over 90% and saved significant operational time.

Case Study 3: Campus Navigation App

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 4: Real-Time Traffic Monitoring System

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 5: AI Resume Screener

Problem:

Human error in operations leads to inefficiency or loss.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Improved accuracy by over 90% and saved significant operational time.

Case Study 6: Online Exam Proctoring Tool

Problem:

Human error in operations leads to inefficiency or loss.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 7: Mental Health Chatbot

Problem:

Human error in operations leads to inefficiency or loss.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 8: Energy Consumption Optimizer

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Applied computer vision and NLP techniques.

Impact:

Improved accuracy by over 90% and saved significant operational time.

Case Study 9: Fraud Detection in E-Commerce

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Created a smart analytics dashboard using Django and React.

Impact:

Led to a measurable increase in efficiency or user satisfaction.

Case Study 10: Blockchain Voting System

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 11: AI-Driven Personal Finance Advisor

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Applied computer vision and NLP techniques.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 12: Virtual Lab for Science Students

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 13: Automated Interview Analyzer

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 14: Disease Prediction Using ML

Problem:

Manual processes are time-consuming and prone to error.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 15: Language Learning Assistant

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Created a smart analytics dashboard using Django and React.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 16: AI Code Reviewer

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Created a smart analytics dashboard using Django and React.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 17: Crowdsourced Parking Finder

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 18: Digital Prescription System

Problem:

Lack of intelligent systems in traditional workflows.

Solution:

Applied computer vision and NLP techniques.

Impact:

Led to a measurable increase in efficiency or user satisfaction.

Case Study 19: Disaster Alert & Safety App

Problem:

Lack of intelligent systems in traditional workflows.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 20: Job Recommendation System

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 21: Food Waste Reduction Platform

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 22: Tourist Guide App with AR

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 23: Secure File Sharing App

Problem:

Lack of intelligent systems in traditional workflows.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Improved accuracy by over 90% and saved significant operational time.

Case Study 24: Remote Lab Monitoring with IoT

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 25: Elderly Fall Detection System

Problem:

Lack of intelligent systems in traditional workflows.

Solution:

Applied computer vision and NLP techniques.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 26: Student Career Counselor Bot

Problem:

Manual processes are time-consuming and prone to error.

Solution:

Used AI/ML algorithms to automate the process.

Impact:

Improved accuracy by over 90% and saved significant operational time.

Case Study 27: Virtual Event Manager

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Adopted by over 3 departments/users with positive feedback.

Case Study 28: Emotion Detection from Text

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Built a web/mobile app integrated with cloud services.

Impact:

Reduced manual effort and enhanced decision-making ability.

Case Study 29: Smart Home AI Dashboard

Problem:

Students and users struggle with accessibility or resource management.

Solution:

Applied computer vision and NLP techniques.

Impact:

Helped in saving resources and improving overall performance metrics.

Case Study 30: Online Learning Engagement Tracker

Problem:

Difficulty in real-time decision-making due to lack of data visibility.

Solution:

Developed an IoT-based real-time monitoring system.

Impact:

Improved accuracy by over 90% and saved significant operational time.