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Project id	Deep Learning Titles	Domain
3VPY101	<p><b>Improving Vehicle Classification and Detection with Deep Neural Networks</b></p> <p>The objective of improving vehicle classification and detection with deep neural networks is to enhance the accuracy, efficiency, and reliability of vehicle detection systems used in various applications such as traffic management, autonomous driving, surveillance, and smart transportation</p>	Deep Learning IEEE
3VPY102	<p><b>A Detection and Classification of Cotton Leaf Disease Using a Lightweight CNN Architecture</b></p> <p>The objective of detecting and classifying cotton leaf diseases using a lightweight CNN architecture is to develop an efficient and accurate system for identifying different types of diseases that affect cotton plants. This system aims to help farmers and agricultural experts in timely disease detection, enabling them to respond appropriately to protect and improve crop health.</p>	Deep Learning IEEE
3VPY103	<p><b>Wearable Sport Activity Classification Based on Deep Convolutional Neural Network</b></p> <p>The objective of wearable sport activity classification based on a deep convolutional neural network (CNN) is to develop an accurate and robust system that can automatically recognize and classify different sport activities performed by individuals wearing wearable devices. The system aims to assist athletes, fitness enthusiasts, and sports professionals in monitoring and analyzing their physical activities, providing valuable insights into performance, training, and health.</p>	Deep Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY104	<p><b>Weather Forecasting Using Deep Learning Techniques</b></p> <p>The objective of weather forecasting using deep learning techniques is to leverage the power of neural networks and machine learning algorithms to accurately predict future weather conditions based on historical data and other relevant environmental factors. The primary goal is to improve the accuracy and reliability of weather predictions, leading to better preparedness and decision-making for individuals, businesses, and governments</p>	Deep Learning IEEE
3VPY105	<p><b>Age Group Classifier of Adults and Children with Yolo-Based Deep Learning Pre-Processing Scheme for Embedded Platforms</b></p> <p>The objective of this project is to develop an age group classifier using a YOLO (You Only Look Once)-based deep learning model with a pre-processing scheme suitable for embedded platforms. The classifier aims to distinguish between adults and children based on input images or video frames. The primary goal is to create an efficient and accurate age classification system that can run on resource-constrained devices, such as embedded systems, smartphones, or edge devices</p>	Deep Learning IEEE
3VPY106	<p><b>An Application of a Deep Learning Algorithm for Automatic Detection of Unexpected Accidents Under Bad CCTV Monitoring Conditions in Tunnels</b></p> <p>The objective of applying a deep learning algorithm for automatic detection of unexpected accidents under bad CCTV monitoring conditions in tunnels is to enhance safety and improve incident response in tunnel environments. The deep learning algorithm should be capable of analyzing CCTV footage captured in challenging conditions (e.g., low light, poor visibility, motion blur, etc.) and accurately identifying potential accidents or safety-critical incidents as they occur in real-time</p>	Deep Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY107	<p><b>An End-To-End Deep Learning System for Hop Classification</b></p> <p>The objective of developing an end-to-end deep learning system for hop classification is to accurately and automatically classify hop varieties used in brewing beer. The system should take raw hop images or data as input and output the corresponding hop variety, streamlining the hop classification process for brewers and researchers.</p>	Deep Learning IEEE
3VPY108	<p><b>Automated Chest X-Ray Image Classification Using Manta Ray Optimization with Deep Learning Approach</b></p> <p>The objective of developing an automated chest X-ray image classification system using Manta Ray Optimization (MRO) with a deep learning approach is to improve the accuracy and efficiency of diagnosing various thoracic conditions from chest X-ray images. The system aims to assist healthcare professionals by automatically classifying X-ray images into different categories, aiding in early detection and timely treatment of respiratory and cardiac diseases</p>	Deep Learning IEEE
3VPY109	<p><b>Coconut Disease Prediction System Using Image Processing and Deep Learning Techniques</b></p> <p>The objective of the Coconut Disease Prediction System using Image Processing and Deep Learning Techniques is to develop a robust and efficient system that can accurately identify and classify diseases affecting coconut trees based on images of their leaves or other relevant parts. This system aims to aid farmers, agricultural experts, and researchers in early detection and management of coconut diseases, which can significantly affect crop yield and overall agricultural productivity.</p>	Deep Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY110	<p><b>Deep Learning-Driven Detection and Mapping of Rockfalls on Mars</b></p> <p>The objective of "Deep Learning-Driven Detection and Mapping of Rockfalls on Mars" is to develop a robust and efficient system that uses deep learning techniques to automatically detect and map rockfalls on the Martian surface.</p>	Deep Learning IEEE
3VPY111	<p><b>High-Speed Balanced-Detection Visible-Light Optical Coherence Tomography in The Human Retina Using Subpixel Spectrometer Calibratio</b></p> <p>The objective of this study is to develop and demonstrate a high-speed balanced-detection visible-light optical coherence tomography (OCT) technique for imaging the human retina. This innovative approach utilizes subpixel spectrometer calibration to enhance the accuracy and performance of the OCT system.</p>	Deep Learning IEEE
3VPY112	<p><b>Plant Disease Detection and Classification by Deep Learning—A Review</b></p> <p>The objective of this review article is to comprehensively examine and evaluate the current state-of-the-art techniques and advancements in plant disease detection and classification using deep learning methods.</p>	Deep Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY113	<p><b>Product Recommendation System for Supermarket</b></p> <p>Create a product recommendation system that offers personalized and relevant product suggestions to customers while shopping at the supermarket. The system should analyze customer data, purchasing patterns, and preferences to recommend products that are likely to be of interest to individual customers. The goal is to enhance the shopping experience, increase customer satisfaction, and drive sales for the supermarket.</p>	Deep Learning IEEE
3VPY114	<p><b>Content-Based Image Retrieval Using Color, Gray, Advanced Texture, Shape Features, and Random Forest Classifier with Optimized Particle Swarm Optimization.</b></p> <p>The objective of this research study is to develop a Content-Based Image Retrieval (CBIR) system that utilizes a combination of color, grayscale, advanced texture, and shape features for efficient and accurate image retrieval.</p>	Deep Learning IEEE
3VPY115	<p><b>Realtime Indoor Workout Analysis Using Machine Learning &amp; Computer Vision</b></p> <p>The objective of the Real-time Indoor Workout Analysis Using Machine Learning &amp; Computer Vision is to create a system that can monitor and analyze a person's indoor workout sessions in real-time. The system should leverage machine learning and computer vision techniques to extract meaningful insights from the workout data and provide valuable feedback to the user.</p>	Deep Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY116	<p><b>Marine Animal Detection and Recognition with Advanced Deep Learning Models</b></p> <p>The objective of the Marine Animal Detection and Recognition with Advanced Deep Learning Models is to develop a system that can automatically detect and recognize marine animals from images or video footage captured in marine environments. The system will leverage advanced deep learning models to perform accurate and efficient detection and recognition tasks, contributing to marine conservation efforts, research and environmental monitoring.</p>	Deep Learning IEEE
3VPY117	<p><b>Prediction of Cardiovascular Diseases with Retinal Images Using Deep Learning</b></p> <p><b>Objective:</b> The objective is to develop a precise and efficient cardiovascular disease prediction model using CNN and MobileNet with retinal images. Gather and preprocess a diverse dataset for training. Extract meaningful features from the retinal images through the CNN and MobileNet model. Evaluate performance using metrics like accuracy. Compare with existing methods and ensure robustness and generalization. Aim for real-world applicability and interpretability to aid medical professionals in early detection and prevention of cardiovascular diseases. This study seeks to advance AI-driven diagnostics, potentially enhancing patient outcomes and intervention strategies.</p>	Deep Learning IEEE
3VPY118	<p><b>Cotton Plant and Leaf Detection using Deep Learning</b></p> <p>The objective of the project is to develop a robust and efficient deep learning solution for Cotton Plant and Leaf Detection using Convolutional Neural Networks (CNN) and MobileNet architecture. By leveraging these state-of-the-art techniques, we aim to accurately identify cotton plants and their respective leaves from images, enabling precision agriculture and facilitating better crop management practices. Our goal is to create a user-friendly system that can assist farmers in detecting and diagnosing potential issues early on, ultimately leading to improved crop yields and sustainable agricultural practices.</p>	Deep Learning IEEE


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Project id	Deep Learning Titles	Domain
3VPY119	<p><b>The Early Detection of Dementia Disease Using Machine Learning Approach</b></p> <p>The main objective of "The Early Detection of Dementia Disease Using Machine Learning Approach" is to develop a predictive model that can accurately determine whether a person is demented or not based on relevant data and features. By utilizing machine learning techniques, the aim is to identify potential signs of dementia at an early stage, enabling timely interventions and improving the overall prognosis for affected individuals.</p>	Machine Learning IEEE
3VPY120	<p><b>Accurate Machine Learning Algorithm for Monkey Pox Based on Covid-19</b></p> <p>The main objective of the Accurate Machine Learning Algorithm for Monkeypox based on Covid-19 is to develop a predictive model that can effectively determine whether an individual is positive or negative for the Monkeypox virus, using data from Covid-19 patients. By leveraging machine learning techniques and correlating relevant features, the algorithm aims to achieve high accuracy in early detection and diagnosis of Monkeypox, potentially aiding in timely intervention and control measures.</p>	Machine Learning IEEE
3VPY121	<p><b>Machine Learning based Spam Comments Detection on YouTube</b></p> <p>The main objective of "Machine Learning based Spam Comments Detection on YouTube" is to develop a predictive model using machine learning techniques to identify and classify comments as spam or non-spam on YouTube. By training the model on a labeled dataset of comments, the aim is to accurately predict whether a given comment is spam or not, thereby enhancing the overall user experience, reducing spam content, and maintaining the platform's integrity.</p>	Machine Learning IEEE

Project id	Deep Learning Titles	Domain
3VPY122	<p><b>Machine Learning Based Diagnosis of Lumpy Skin Disease</b></p> <p>The main objective of the Machine Learning Based Diagnosis of Lumpy Skin Disease is to accurately predict whether a person is affected by the disease or not. By leveraging machine learning algorithms and analyzing relevant data, the goal is to provide an efficient and reliable diagnostic tool for identifying lumpy skin disease in individuals. This predictive model aims to aid healthcare professionals in making early and informed decisions for timely treatment and containment of the disease.</p>	Machine Learning IEEE
3VPY123	<p><b>Anemia Prediction Based on Eye Condition Data Using Machine Learning</b></p> <p>This project is to develop a predictive model for anemia detection using eye images. The dataset will be used to train and evaluate decision tree, random forest, and XGBoost algorithms. The output of the model will be a binary classification indicating whether the person has anemia or not. By leveraging these machine learning algorithms, we aim to provide a reliable and efficient tool for early detection of anemia using non-invasive eye imaging techniques.</p>	Machine Learning APP
3VPY124	<p><b>Web Data Mining to Detect Online Spread of Terrorism</b></p> <p>The purpose of this research is to utilize web mining methods to efficiently identify and examine the propagation of terrorism on the internet. By gathering and analyzing information from diverse online platforms, the goal is to detect patterns, tendencies, and prominent individuals engaged in terrorist activities online. This approach aims to enable proactive measures to counter the spread of terrorism on the web.</p>	Machine Learning APP

Project id	Deep Learning Titles	Domain
3VPY125	<p><b>Predicting Employee Promotions: Investigating the Influence of Training, KPI Achievement and Training Score</b></p> <p>The objective of this study is to predict employee promotions by investigating the influence of three key factors: Training, Key Performance Indicator (KPI) achievement, and Training Score. Leveraging machine learning algorithms, including XGBoost, Naive Bayes, and Support Vector Machine (SVM), this research aims to develop predictive models that can accurately identify potential candidates for promotion based on their training history, KPI performance, and training scores. By analyzing the impact of these factors on promotion decisions, this study seeks to provide valuable insights to human resource departments and organizations, aiding them in making informed and data-driven decisions regarding employee career advancements.</p>	Machine Learning


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Project id	Application	Domain
3VPY126	<p><b>Publicly Verifiable and Efficient Fine Grained Data Deletion Scheme in Cloud Computing</b></p> <p>The objective of a Publicly Verifiable and Efficient Fine-Grained Data Deletion Scheme in Cloud Computing is to provide a secure and transparent method for users to efficiently delete specific portions of their data stored in the cloud while enabling public verification of the data's successful deletion.</p>	Cloud Computing
3VPH101	<p><b>TRAVELCATION</b></p> <p>The objective of travelcation is to provide individuals with unique and fulfilling travel experiences that blend the joy of vacationing with personal growth and cultural immersion. Through carefully curated itineraries and destinations, travelcation aims to create memorable journeys that go beyond mere sightseeing. By fostering connections with local communities, encouraging sustainable travel practices, and offering transformative activities and workshops, travelcation strives to inspire travelers to explore, learn, and reflect, ultimately enhancing their overall well-being and broadening their perspectives. It is a platform dedicated to enriching lives through purposeful and fulfilling travel adventures.</p>	PHP

Project id	Java	Domain
3VFS101	<p><b>Mechanical Platform</b></p> <p>This project will help to search for Mechanics for your vehicle at the location where your vehicle got stuck or any problem. As per the location, the customer has to search a mechanics (who had registered in the project as per there location). Then customer will send request to the mechanic as we see in the Uber App. Mechanics will get the details and he will reach on the location. It is just a mini-version of Uber, there we search for Cabs here we search for mechanics as per the location.</p>	React + Node
3VFS102	<p><b>Integration Information About University</b></p> <p>The objective of the scholarship search system is to create a more efficient, transparent, and inclusive process for students to search for scholarships within the university. By leveraging technology and personalized recommendations, universities can better support their students in their pursuit of higher education and academic success.</p>	Spring Boot + React
3VFS103	<p><b>Instant Plasma Donor</b></p> <p>The main objective of the "Instant Plasma Donor" project is to create an efficient and user-friendly online platform that facilitates the process of plasma donation and distribution from recovered COVID-19 patients. The project aims to address the urgent need for plasma therapy as an experimental treatment approach to help COVID-19 positive patients recover faster and potentially lower the death ratio.</p>	Spring Boot + Angular

Project id	Android Titles	Domain
3VAN101	<p><b>Report My Ride - Report Stolen Vehicles Effortlessly</b></p> <p>The objective of the Vehicle Theft Online Complaint System Application is to provide an efficient, user-friendly, and secure platform that allows individuals to report incidents of vehicle theft to the appropriate authorities, facilitating a streamlined process for investigation and recovery. The application aims to leverage the power of technology to improve the overall effectiveness and speed of handling vehicle theft complaints, reducing the burden on both law enforcement agencies and victims.</p>	Android App
3VAN102	<p><b>Collage Finder Recommendation app</b></p> <p>The app aims to streamline the college search process by leveraging advanced algorithms and user preferences to provide personalized college recommendations. Through this app, we seek to empower students with reliable, relevant, and up-to-date information about colleges and universities, enabling them to make well-informed decisions about their academic future.</p>	Android App
3VAN103	<p><b>Grievance App for Employees</b></p> <p>The app seeks to promote open and honest communication between employees and the management, ensuring that any workplace grievances can be addressed promptly and appropriately.</p>	Android App

Project id	Android Titles	Domain
3VAN104	<p><b>Advanced Bluetooth chatting App</b></p> <p>The objective of the Bluetooth Chatting App is to facilitate seamless and secure communication between individuals in close proximity without the need for an internet connection. The app aims to enable users to exchange text messages, images, and other media privately and instantaneously over Bluetooth technology.</p>	Android App
3VAN105	<p><b>Emergency Instant Helping App</b></p> <p>The objective of Emergency Application is to provide quick access to nearby individuals during crises through intelligent SOS messaging and location-based services.</p>	Android App
3VAN106	<p><b>Stress Detection in IT Professional by Image Processing and Machine Learning</b></p> <p>To predict stress in the employees by monitoring captured images of authenticated users which makes the system secure. To monitor a person's emotional state while working in front of a computer for an extended period of time in order to detect and reduce stress and provide a more comfortable work environment for IT persons.</p>	Machine Learning


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Project id	Android Titles	Domain
3VAN107	<p><b>Agri Tourism App</b></p> <p>To Create an immersive and authentic agricultural experience for visitors by showcasing traditional farming practices, local cuisine, and rural customs. create awareness about rural life and knowledge about agriculture It also provides opportunity for education through experience of farming and knowledge about the rural life including entertainment.</p>	Android App
3VAN108	<p><b>College Department Management App</b></p> <p>The objective of the Smart Department App is to streamline and enhance the efficiency of departmental operations within an organization. The app aims to provide a comprehensive and user-friendly platform that empowers employees and department heads to collaborate, communicate, and manage tasks effectively.</p>	Android App
3VAN109	<p><b>Alumni Bonding App</b></p> <p>The portal aims to verify and authenticate alumni, ensuring that only legitimate graduates gain access to the platform, thereby maintaining the integrity and security of the community.</p>	Android App



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Project id	Android Titles	Domain
3VAN110	<p><b>Connecting Renters with Homes</b></p> <p>To create a user-friendly and efficient platform that seamlessly bridges the gap between prospective renters and their ideal homes. Our mission is to provide renters with a diverse and curated selection of rental properties, enabling them to find, compare, and secure their dream homes with ease. Through innovative technology and personalized features, we aim to simplify the rental search process, save renters valuable time and effort, and ultimately foster mutually beneficial connections between renters and property owners.</p>	Android App
3VAN111	<p><b>Android App for Fire Station Coordination</b></p> <p>To prevent and suppress unwanted fires by rendering prompt and efficient services so as to keep the loss of life and property to the minimum. To conduct fire safety inspection in hazardous occupancies and to advise Management so as to reduce risk by fire.</p>	Android App
3VAN112	<p><b>Hospital Recommender App</b></p> <p>The goal of the proposed system is patients can get recommended with nearby hospitals with similar satisfaction levels and the major factors, which contribute to their satisfaction.</p>	Android App



Project id	Android Titles	Domain
3VAN113	<p><b>Android Application for Medicine Donation and Doctor Consultation</b></p> <p>The main objective of this application is to make an easy way of communication between the donor and donee where they can transfer the medicines from one to one in an easy way.</p>	Android App
3VAN114	<p><b>Rakshak</b></p> <p>This project is meant for women safety which is relevant to security purpose where they can get help to get rescue of themselves by informing to others and they can view their safe zones in their radius.</p>	Android App
3VAN115	<p><b>Jeevandaan</b></p> <p>The main objective of this application is to show near by ambulance where they can book and view their details and book the ambulance as there required.</p>	Android App



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Project id	Android Titles	Domain
3VAN116	<p><b>Social Fitness Platform</b></p> <p>The objective of Social Fitness is to create a supportive and interactive platform where users can seek fitness advice, share their challenges, and receive solutions from both peers and certified trainers. By fostering a collaborative community, the application aims to promote health, well-being, and knowledge-sharing, ultimately empowering individuals to achieve their fitness goals.</p>	Android App
3VAN117	<p><b>CoRide</b></p> <p>The objective of the Drive Share application is to establish an efficient and user-friendly platform for seamless ride-sharing. By enabling users to both request and offer rides, the app aims to connect individuals in need of transportation with willing drivers, fostering a dynamic and collaborative community that promotes efficient and convenient travel options for all users.</p>	Android App
3VAN118	<p><b>Watercan Supply Management</b></p> <p>The objective of the Watercan Supply Management Application is to provide users with a convenient and reliable solution for accessing water services. By allowing users to hire watercans and place orders from home, the app aims to ensure timely delivery through a dedicated team. The monthly billing system enhances the overall user experience, creating a seamless and hassle-free water supply process.</p>	Android App

Project id	Android Titles	Domain
3VAN119	<p><b>Smart Department App</b></p> <p>The objective of the Department App is to streamline and enhance the efficiency of departmental operations within an organization. The app aims to provide a comprehensive and user-friendly platform that empowers employees and department heads to collaborate, communicate, and manage tasks effectively.</p>	Android App
3VAN120	<p><b>Collage Finder and Course Recommendation</b></p> <p>The app aims to streamline the college search process by leveraging advanced algorithms and user preferences to provide personalized college recommendations. Through this app, we seek to empower students with reliable, relevant, and up-to-date information about colleges and universities, enabling them to make well-informed decisions about their academic future.</p>	Android App
3VAN121	<p><b>Farming Machinery Rental App</b></p> <p>Farming Machinery App is a specialized online marketplace for farm equipment: tractors, combines, reapers, and much more, as well as forestry equipment and spare parts. This app will help the individual farmers, willing to provide their agricultural machinery &amp; equipment on rental basis to increase their farm income besides making the optimum utilization of the available Agricultural machinery.</p>	Android App


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Project id	Android Titles	Domain
3VAN122	<p><b>Behavioral Authentication for Smartphones</b></p> <p>To optimize user satisfaction and efficiency during sign-up, prioritize individual data entering speed by implementing intuitive and streamlined input fields. Utilize auto-fill and smart suggestions to expedite the process. Tailor the user experience, keeping the interface clean and personalized, resulting in a seamless and delightful sign-up journey.</p>	Android App
3VAN123	<p><b>Self-Complaint and Redirection Service Management System</b></p> <p>The objective of the self-complaint and redirection service management system is to enhance complaint handling efficiency by providing a user-friendly platform for lodging complaints, collecting comprehensive details, and redirecting them to the relevant authorities. It aims to facilitate effective communication between users and authorities, ensuring timely resolution and status updates on the complaints throughout the process.</p>	Android App
3VAN124	<p><b>AI Powered Online Recruiting App</b></p> <p>The objective is to provide a comprehensive overview of the use of AI in the hiring process. It aims to explore the challenges and outcomes associated with AI adoption, while highlighting the benefits it brings to recruitment. The abstract also seeks to present diverse perspectives on AI in human resource management, emphasizing the need for a balanced approach to address biases and support decision-making. It recognizes the prevalent utilization of AI in high-tech or large companies but raises concerns about the limited evaluation due to the continued reliance on interviews. Ultimately, the objective is to foster a deeper understanding of AI's role in recruiting and its potential to drive excellence in human resource management.</p>	Android App

Project id	Titles	Domain
3VPY127	<p><b>Wine Quality Prediction</b></p> <p>The objective of this study is to compare and evaluate the performance of six different algorithms, namely Ridge regression, Artificial Neural Networks (ANN), Gradient Boosting Regression, Random Forest, Stochastic Gradient Descent (SGD), and Logistic Regression, for the task of wine quality prediction. The study aims to determine which algorithm yields the most accurate and reliable predictions to assist in enhancing wine quality assessment and decision-making processes.</p>	Machine Learning  Non - IEEE
3VPY128	<p><b>Scientific Paper Recommendation System</b></p> <p>The objective of this project is to develop a scalable, end-to-end content-based recommendation system that suggests relevant scientific papers based on the abstract or context of a provided article. This system aims to address the challenges of information overload in scientific research, ensuring researchers can efficiently discover pertinent studies in vast datasets.</p>	Machine Learning - IEEE
3VPY129	<p><b>Interval-Arithmetic Vector Quantization for Image Compression</b></p> <p>By integrating Convolutional Neural Networks (CNNs) and Interval-Arithmetic Vector Quantization (IAVQ), this study attempts to create an advanced image reduction method. The goals include utilizing interval arithmetic to improve quantization intervals, implementing interval arithmetic-based quantization for reduced artefacts, implementing CNNs to preserve attributes like contrast and luminance, and quantitatively assessing compression quality using metrics like PSNR and SSIM. Comparative analysis will illustrate why alternative approaches are better. The study also examines the practical relevance of attribute preservation and validates it. The goal of this research is to improve compression efficiency while retaining perceptual quality, which will have an influence on a variety of applications that depend on effective data processing and transmission.</p>	Deep Learning Non-IEEE


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Project id	Titles	Domain
3VPY130	<p><b>Activity Recognition Driver</b></p> <p>"Activity Recognition Driver" project is to develop a system or application that can accurately and autonomously recognize various activities or actions performed by a driver while they are driving a vehicle. The primary goal is to enhance safety, provide insights, and potentially improve the overall driving experience. This project involves utilizing sensor data and advanced machine learning techniques to classify and predict different activities that a driver might engage in while driving</p>	Deep Learning Non-IEEE
3VPY131	<p><b>Types of Car Detection by using Deep Learning Algorithms</b></p> <p>To develop and evaluate the performance of deep learning algorithms for accurate car detection in various scenarios and conditions, thereby assisting in improved traffic monitoring, autonomous navigation, and enhanced safety protocols</p>	Deep Learning IEEE
3VPY132	<p><b>Event Management System</b></p> <p>The EMS aims to automate and streamline various aspects of event management, reducing manual tasks and optimizing the overall efficiency of organizing events. The project seeks to provide a straightforward and intuitive user registration process, allowing new users to sign up easily and become part of the event community. For existing users, the EMS empowers them to create new events efficiently through an intuitive interface, simplifying the event creation process and ensuring accurate event submissions. The EMS endeavors to enhance event discovery for attendees by implementing a robust event search functionality, enabling users to explore and discover specific events based on their preferences and interests. By providing a user-friendly platform, the EMS aims to enhance the overall event experience for both organizers and attendees, making event planning and participation a seamless and enjoyable process.</p>	Python App


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Project id	Titles	Domain
3VFS104	<p><b>Credit Card Generation System</b></p> <p>The objective of the Credit Card Generating System is to provide a secure, efficient and customizable solution that simplifies the credit card issuance process while prioritizing data security, compliance, and user satisfaction.</p>	Spring boot +React
3VFS105	<p><b>E-Commerce on Refrigerator Shopping Cart</b></p> <p>The primary objective of an e-commerce project is to create a digital platform where the business can showcase and sell its products or services. This involves building a user-friendly website or mobile app that enables customers to browse, search, and purchase items conveniently. It's important to note that these objectives can be tailored to suit the specific needs and goals of each individual e-commerce project.</p>	ASP.net
3VAK101	<p><b>Parent Child Control System</b></p> <p>The project aims to develop a comprehensive parental supervision application that empowers parents with geo-fencing location tracking, communication oversight, screen time monitoring, and emergency voice messaging. The goal is to create a secure environment through AES encryption, establishing a reliable safety network for parental peace of mind and child safety.</p>	Android-Kotlin

Project id	Titles	Domain
3VAK102	<p><b>Car Rental Application</b></p> <p>The objective of this project is to develop an automated car rental management system that eliminates manual inefficiencies. It aims to simplify the booking process, enhance availability tracking, and improve record maintenance. The project seeks to automate daily booking generation, accurate fare calculations, and online customer record storage, ultimately ensuring efficient and accessible car rental services.</p>	Android-Kotlin
3VAN125	<p><b>Conversion of Images to Multi-lingual Text</b></p> <p>The objective of this application is to provide a seamless multilingual experience through image-based text extraction, enabling effortless translations in various languages while enhancing inclusivity with audio renditions, thus breaking language barriers and promoting efficient cross-lingual communication.</p>	Android -Java
3VAK103	<p><b>Preordering of food</b></p> <p>The Preordering Food System aims to optimize the overall dining experience and promote student engagement in campus food services. The dining experience for college students and promote a more personalized and efficient food service within hostel premises.</p>	Android-Kotlin

Project id	Titles	Domain
3VPY133	<p><b>Web Based Book Recommendation System using Collaborative Filtering</b></p> <p>This project is to develop an effective book recommendation system for online bookstores, utilizing collaborative filtering and machine learning techniques. The system aims to provide readers with tailored book suggestions based on their preferences, enhancing user engagement and decision-making. This project strives to optimize user experiences, increase book sales, and ultimately maximize revenue for the online bookstore platform.</p>	Machine Learning- IEEE
3VFS106	<p><b>MechaniX</b></p> <p>Enhance the safety of vehicles serviced through the project by identifying and addressing safety-related issues and ensuring compliance with safety standards and regulations. Aim to improve the overall reliability and performance of vehicles by conducting thorough inspections, preventive maintenance, and timely repairs.</p>	MERN
3VFS107	<p><b>Amazon Clone</b></p> <p>Create an extensive product catalog that encompasses various categories, ensuring customers can find products across diverse industries and niches. Prioritize user experience by designing an intuitive interface, optimizing page loading times, and ensuring mobile responsiveness.</p>	MERN


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Project id	Titles	Domain
3VFS108	<p><b>Hotel Reservation</b></p> <p>Streamline the booking process to make it quicker and more user-friendly for guests, resulting in increased reservations. Increase the hotel's overall occupancy rates by optimizing room booking and inventory management.</p>	Spring boot react js MS SQL
3VFS109	<p><b>Learning management system</b></p> <p>Ensure that learners have easy and convenient access to educational resources, regardless of their location or device, promoting inclusivity and flexibility. Enhance the quality of education or training by providing engaging and interactive content, personalized learning paths, and real-time assessments to improve student or employee performance.</p>	ASP.Net react js MS SQL
3VAK104	<p><b>Local Commerce Connect</b></p> <p>The objective of Local Commerce application is to facilitate localized commerce by connecting users with nearby sellers, transcending language barriers with multilingual support, and enabling efficient communication between them. Through location-based notifications and seamless request handling, the app aims to enhance user experience and streamline interactions between buyers and sellers.</p>	Android KOTLIN



Project id	Titles	Domain
3VFS110	<p><b>E-Commerce on MERN</b></p> <p>The objectives of an e-commerce business encompass a wide range of goals aimed at providing a seamless and satisfying online shopping experience for customers while driving business growth and success.</p>	MERN
3VFS111	<p><b>Employee Management System</b></p> <p>Ensure that the right employees are in the right roles at the right time to maximize productivity and efficiency. Maintain accurate and up-to-date employee records, including personal information, job history, performance evaluations and more.</p>	Spring boot react js MongoDb
3VAN125	<p><b>Noise Cancellation in Android</b></p> <p>The objective of this application is to provide users with a superior audio recording solution. By implementing cutting-edge noise cancellation technology, seamless user authentication, and efficient local storage, our goal is to enable users to effortlessly capture, store, and retrieve noise-free recordings, enhancing their productivity and communication capabilities.</p>	Android KOTLIN Minor project



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Project id	Titles	Domain
3VPY134	<p><b>Detection of Cardiovascular Diseases in ECG Images using Machine Learning and Deep Learning Methods</b></p> <p>The objective of using deep learning for the classification of cardiovascular diseases in ECG images is to create a reliable and precise system that can automatically detect various cardiac conditions and anomalies from ECG signal representations presented as images. Firstly, it enables the early detection of cardiovascular diseases, a vital aspect of timely intervention and treatment. Deep learning models can identify subtle patterns and irregularities in ECG images that may elude human observation. Additionally, automating ECG classification reduces the likelihood of diagnostic errors, which can occur due to the intricate nature of cardiac signals. The use of deep learning also enhances speed and efficiency in the healthcare sector, as these models can swiftly process ECG images, potentially shortening wait times for patients and ensuring faster diagnoses.</p>	Deep Learning IEEE
3VPY135	<p><b>Classification of Malaria-Infected Cells using Convolutional Neural Networks</b></p> <p>The objective of this project is to develop a robust Convolutional Neural Network (CNN) model for the automated classification of malaria-infected cells in microscopic images. By leveraging deep learning techniques, the aim is to accurately differentiate between infected and uninfected cells, enabling rapid and cost-effective diagnosis. This project intends to contribute to the early detection and monitoring of malaria, particularly in regions with limited access to skilled medical professionals. The CNN model will be trained on a dataset of labeled cell images, and its performance will be assessed in terms of accuracy, sensitivity, and specificity to provide a valuable tool for aiding healthcare practitioners in malaria diagnosis and research efforts.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VPY136	<p><b>Identification of Fake Indian Currency using Convolutional Neural Network</b></p> <p>The objective is to employ a Convolutional Neural Network (CNN) for the precise detection of counterfeit Indian currency notes. This aims to enhance fraud prevention and maintain the integrity of financial transactions.</p>	Deep Learning IEEE
3VPY137	<p><b>Mushroom Image Classification with CNN</b></p> <p>The objective of this project is to investigate different approaches to train CNNs for mushroom image recognition, including data augmentation techniques, transfer learning from pre-trained models, and the development of custom CNN architectures. We seek to evaluate the performance of these strategies in terms of accuracy, robustness, and efficiency in handling mushroom image datasets.</p>	Deep Learning IEEE
3VPY138	<p><b>Exploring the Learning Analytics of Skill-Based Course using Machine Learning Classification Models</b></p> <p>The objective of this study is to assess the correlation between students' experiences and their impressions of learning in skill-based courses. This is achieved by utilizing various machine learning classification models to predict these correlations based on student data and teacher evaluations. The study also aims to highlight the effectiveness of Additive Regression as a meta classifier in improving correlation prediction. Additionally, it recommends expanding the analysis to a larger dataset (OULA) for further model training and validation.</p>	Machine Learning IEEE


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Project id	Titles	Domain
3VPY139	<p><b>Predicting Indian GDP with Machine Learning: A Comparison of Regression Models</b></p> <p>The objective of this study is to employ advanced machine learning algorithms, specifically polynomial regression, to predict the Indian Gross Domestic Product (GDP) with a focus on enhancing forecast accuracy. By utilizing various data sources, including time series analysis and inflation rates, the study aims to determine the most accurate method for forecasting Indian GDP, emphasizing the importance of high-quality data and advanced techniques in economic forecasting.</p>	Machine Learning IEEE
3VPY140	<p><b>A Verifiable and Fair Attribute-Based Proxy Re-Encryption Scheme for Data Sharing in Clouds</b></p> <p>The objective of this study is to introduce a novel verifiable and fair attribute-based proxy re-encryption (VF-ABPRE) scheme to manage outsourced encrypted data in cloud environments. The scheme ensures both verifiability, allowing shared users to confirm the correctness of re-encrypted data, and fairness, protecting cloud servers from false accusations by verifying honest re-encryption operations. Performance evaluations validate the scheme's efficiency and practicality.</p>	Python Cloud Computing IEEE
3VPY141	<p><b>Sanitizable Access Control System for Secure Cloud Storage Against Malicious Data Publishers</b></p> <p>Cloud computing offers cost-effective IT solutions but raises security concerns. Storing plaintext data poses threats, necessitating encryption. Traditional protection fails against malicious data publishers. This research introduces the Sanitizable Access Control System (SACS) for secure cloud storage resistant to such publishers, leveraging q-Parallel Bilinear Diffie-Hellman Exponent Assumption.</p>	Python Cloud Computing IEEE

Project id	Titles	Domain
3VPY142	<p><b>Publicly Verifiable Shared Dynamic Electronic Health Record Databases with Functional Commitment Supporting Privacy-Preserving Integrity Auditing</b></p> <p>Electronic Health Record (EHR) system's efficiency and security in the cloud. We introduce a publicly verifiable, updatable EHR database that offers privacy and batch integrity checking, minimizing user communication costs. By modifying the functional commitment scheme and incorporating verifier-local revocation group signature, our approach ensures dynamic group member operations, traceability, and non-frame ability.</p>	Python Cloud Computing IEEE
3VPY143	<p><b>Enabling Fast Public Auditing and Data Dynamics in Cloud Services</b></p> <p>The objective is to optimize public auditing for encrypted data in cloud servers, emphasizing efficient support for data dynamics. We aim to enhance data modification, insertion, and deletion speeds, significantly reducing the third-party auditor's computational cost, ensuring data integrity and privacy against an untrusted cloud.</p>	Python Cloud Computing IEEE
3VPY144	<p><b>Dual-Server Public-Key Authenticated Encryption with Keyword Search</b></p> <p>The objective is to address the vulnerability of traditional PEKS schemes to the inside keyword guessing attack (IKGA) in cloud storage. We introduce Dual-server Public-key Authenticated Encryption with Keyword Search (DPAEKS) that leverages two non-cooperative servers, offering both protection against IKGA and authentication, while ensuring efficiency and strong security.</p>	Python Cloud Computing IEEE

Project id	Titles	Domain
3VPY145	<p><b>Authorized Keyword Search over Outsourced Encrypted Data in Cloud Environment</b></p> <p>The objective is to introduce a novel expressive authorized keyword search scheme for encrypted data in cloud servers. The scheme supports multi-owner, multi-user scenarios, ensures semantic security against various attacks, introduces an interactive protocol without secure-channels, enables efficient user revocation and authentication, supports conjunctive keyword searches, and outperforms related works.</p>	Python Cloud Computing IEEE
3VPY146	<p><b>An Efficient Privacy-Preserving Public Auditing Protocol for Cloud-Based Medical Storage System</b></p> <p>The objective of this research is to develop a secure and efficient privacy-preserving public auditing protocol for cloud-based medical storage systems. This protocol aims to ensure the integrity of medical data, support batch auditing, and dynamic data updates while significantly reducing computational costs for both the data owner and the third-party auditor, as well as improving communication efficiency between the auditor and the cloud server.</p>	Python Cloud Computing IEEE
3VPY147	<p><b>Secure and Efficient Online Fingerprint Authentication Scheme Based on Cloud Computing</b></p> <p>We propose the Secure e-finger scheme for biometric-based online fingerprint authentication, enhancing privacy protection against temporary fingerprint attacks while maintaining efficiency. Additionally, we introduce a threshold scheme based on biological characteristics to address excessive authority issues, ensuring secure and robust authentication.</p>	Python Cloud Computing IEEE

Project id	Titles	Domain
3VPY148	<p><b>Authentication and key Agreement Based on Anonymous Identity for Peer-to-Peer Cloud</b></p> <p>The objective is to address the challenge of cross-cloud data migration for mobile users by introducing an efficient migration model and a secure mutual authentication and key agreement scheme based on elliptic curve certificate-free cryptography. This scheme fosters trust between cloud providers, facilitating seamless data migration while outperforming existing methods in terms of reduced computational and communication costs.</p>	Python Cloud Computing IEEE
3VPY149	<p><b>Attribute-Based data Sharing Scheme Revisited in Cloud Computing</b></p> <p>The objective of this project to enhance the security features for unauthorized decryption and unauthorized attribute manipulations on data while maintain the features of security. Aiming to make the system more secure and practical for use.</p>	Python Cloud Computing IEEE
3VPY150	<p><b>Privacy-Preserving Public Auditing Protocol for regenerating-code-based Cloud Storage</b></p> <p>The objective of this critique is to expose security privacy-preserving public auditing protocol for cloud storage. Specifically, it aims to demonstrate that the protocol is susceptible to forgery by proxy delegates, highlighting the need for improved security measures in future protocol designs for cloud computing.</p>	Python Cloud Computing IEEE

Project id	Titles	Domain
3VPY151	<p><b>SEPDP: Secure and Efficient Privacy Preserving Provable data possession in Cloud Storage</b></p> <p>The objective is to challenge the claim of a recent provable data possession scheme, as described in the paper, by demonstrating that it fails to ensure storage correctness. The focus is on revealing vulnerabilities where a malicious cloud can produce fraudulent proof to pass third-party auditor verification without fully storing the user's file.</p>	Python Cloud Computing IEEE
3VPY152	<p><b>Data Access Control in Cloud Computing: Flexible and Receiver Extendable</b></p> <p>The main Objective of this project is to implement EIBBE (Extendable Identity-Based Broadcast Encryption) encryption method for flexible data access control. This system allows for the expansion of the receiver set without the need for re-encryption, addressing the limitations of existing broadcast encryption systems which do not support receiver extension. It ensures the efficiency and feasibility, while also allowing data uploaders to define the maximum limit for extended receivers.</p>	Python Cloud Computing IEEE
3VPY153	<p><b>Classification of Grapevine Leaf Images with Deep Learning Ensemble Models</b></p> <p>The project's objective is to develop a robust classification system using deep learning ensemble models for categorizing grapevine leaf images based on health, diseases, or relevant attributes.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VPY154	<p><b>Safe Trade – A Stock Recommender using Machine Learning Algorithms</b></p> <p>The primary objective of this project is to leverage Google's Tensor flow's Keras API and employ Long Short-Term Memory (LSTM) neural networks, along with other machine learning techniques such as Artificial Neural Networks (ANN) and Convolutional Neural Networks (CNN), to forecast stock prices accurately.</p>	Machine Learning IEEE
3VPY155	<p><b>Mitigating Cold Start Problem in Recommendation Systems via Transfer Learning Approach.</b></p> <p>The objective of this research is to address the Cold Start problem in recommender systems, particularly in domains like E-commerce, Music streaming apps, and E-Learning platforms, where understanding the preferences of new users is challenging due to a lack of prior user data.</p>	Machine Learning IEEE
3VPY156	<p><b>Theoretical Evaluation of Machine Learning Approaches for Hotel Recommendation</b></p> <p>The objective of this study is to enhance the field of online hotel recommendations using crowdsourced data by investigating various machine learning algorithms, including SVM, Random Forest, and others. Through a literature analysis and addressing challenges in hotel rating, data balancing, and review analysis, the aim is to develop a model that accurately guides users in selecting hotels tailored to their preferences and ensures customer satisfaction.</p>	Machine Learning IEEE

Project id	Titles	Domain
3VPY157	<p><b>Mosquito Species Classification through Wingbeat Analysis: A Hybrid Machine Learning Approach</b></p> <p>The objective of this study is to explore the potential of utilizing wingbeat sound features for the detection and classification of various species of flying mosquitoes using machine learning techniques, specifically a hybrid model combining Convolutional Neural Networks (CNN) and Support Vector Machines (SVM). The aim is to achieve accurate identification and classification of mosquito species, ultimately contributing to the reduction of mosquito-borne disease transmission and related fatalities.</p>	Machine Learning IEEE
3VPY158	<p><b>A Comparative Analysis of Machine Learning Models for Colon Cancer Classification</b></p> <p>The objective of this study is to assess the performance of five distinct machine learning techniques, namely Random Forest (RF), Decision Tree (DT), Support Vector Machine (SVM), Naïve Bayes (NB), and K-Nearest Neighbor (KNN), in the automatic classification of colon cancer among different age groups.</p>	Machine Learning IEEE
3VPY159	<p><b>Data Integrity Audit Based on Data Blinding for Cloud and Fog Environment</b></p> <p>The main objective of this project is on security and speed in cloud-fog computing, this paper suggests a new method for checking data's integrity using a technique called data blinding. By adding an extra layer and using a special factor, we can send data faster and more securely.</p>	Python Cloud Computing IEEE


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Project id	Titles	Domain
3VPY160	<p><b>Privacy-Preserving On-Screen Activity Tracking and Classification in E-Learning Using Federated Learning</b></p> <p>The main objective of this project is to develop a privacy-preserving system for tracking and classifying on-screen activities in e-learning environments. This will be achieved through the use of Federated Learning, ensuring that sensitive user data remains decentralized and secure, while enabling effective analysis and improvement of online learning experiences. Ultimately, the goal is to enhance the quality of e-learning without compromising user privacy.</p>	Machine Learning IEEE
3VPY161	<p><b>Diagnosis Support Model of Cardiomegaly based on CNN using ResNet and Explainable Feature Map</b></p> <p>The objective of this project is to develop a Diagnosis Support Model for Cardiomegaly based on Convolutional Neural Networks (CNN) using the ResNet architecture, while incorporating Explainable Feature Maps. This model aims to enhance the accuracy and interpretability of cardiomegaly diagnosis in medical imaging, ultimately assisting healthcare professionals in making more informed decisions.</p>	Deep Learning IEEE
3VPY162	<p><b>A New Malware Classification Framework based on Deep Learning Algorithms</b></p> <p>The objective of this research is to develop an innovative malware classification framework leveraging deep learning algorithms. This framework aims to enhance the accuracy and efficiency of malware detection, contributing to improved cybersecurity measures and proactive threat mitigation in the digital landscape.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VPY163	<p><b>Comparison of Deep Learning Techniques for Classification of the Insects in Order Level with Mobile Software Application</b></p> <p>The objective is to evaluate and compare various deep learning techniques for accurately classifying insects at the order level. Additionally, the study aims to implement and optimize these techniques within a mobile software application for accessible and efficient insect classification.</p>	Deep Learning IEEE
3VPY164	<p><b>Trash and Recycled Material Identification using Convolutional Neural Networks (CNN)</b></p> <p>The objective is to develop a robust Convolutional Neural Network (CNN) model that accurately identifies and categorizes trash and recycled materials from images, enabling efficient waste sorting and promoting sustainable recycling practices for a cleaner environment.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VPY165	<p><b>Fault Detection in The Rotatory Machine Using Machine Learning</b></p> <p>The main objective of this project is to develop and implement machine learning models, including Decision Trees, Logistic Regression, and MLP Classifier, for the purpose of fault detection in rotary machines. It will aim to accurately classify and predict different types of faults in rotary machines, providing early detection and reducing downtime.</p>	Machine Learning Non- IEEE
3VPY166	<p><b>Flight Price Prediction using Machine Learning</b></p> <p>The primary objective of this study is to assess and compare the performance of three machine learning algorithms—Decision Trees, Random Forest, and Logistic Regression—in predicting flight ticket prices accurately. By analyzing real-world flight pricing data and evaluating the algorithms in terms, the aim is to identify the most effective approach for flight price prediction. This research seeks to provide insights that can enhance pricing strategies for airlines and empower travelers to make informed decisions, ultimately improving pricing efficiency in the airline industry.</p>	Machine Learning Non- IEEE
3VPY167	<p><b>Subgroups Of Children with Kawasaki Disease A Data-Driven Cluster Analysis</b></p> <p>The objective of this study is to perform a data-driven cluster analysis within subgroups of children diagnosed with Kawasaki Disease. Through this analysis, we aim to identify distinct patterns and characteristics within the patient population, allowing for a deeper understanding of the disease's heterogeneity. By categorizing patients into meaningful clusters based on clinical and demographic data, we seek to enhance personalized treatment strategies, improve diagnostic accuracy, and ultimately contribute to better outcomes for children affected by Kawasaki Disease.</p>	Machine Learning Non- IEEE

Project id	Titles	Domain
3VPY168	<p><b>Colorectal Cancer Detection by using Deep Learning</b></p> <p>The objective is to develop a Convolutional Neural Network (CNN) based deep learning model for accurate and early detection of colorectal cancer from medical images, enhancing diagnostic precision, and potentially improving patient outcomes through timely intervention.</p>	Deep Learning IEEE
3VAN126	<p><b>Hotel Room Booking App</b></p> <p>The objective is to create a user-centric hotel management application that simplifies the booking process. It aims to offer a diverse range of online hotels, streamline admin tasks for adding and managing hotels, and provide hotel staff with tools to efficiently handle user requests and booking updates. Additionally, the app aims to empower hotel management with a straightforward toggle for online and offline booking availability, enhancing overall operational efficiency.</p>	Minor-Project  Android Java
3VPY169	<p><b>Handwritten Signature Recognition using Machine Learning</b></p> <p>In an increasingly digital world, handwritten signatures remain a prevalent means of authentication for various legal and financial transactions. However, the rise of forgery and signature fraud has become a significant concern, necessitating robust automated solutions for signature verification. This research presents a novel approach for distinguishing between genuine and fraudulent handwritten signatures using Convolutional Neural Networks (CNN) and MobileNet, two popular deep learning architectures.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VPY170	<p><b>Air Quality Index Prediction by Using Machine and Deep Learning</b></p> <p>The objective of this project is to develop accurate Air Quality Index (AQI) prediction system by leveraging both machine learning and deep learning techniques. We aim to collect historical air quality data, meteorological information, and other relevant factors to train predictive models. Through this research, we intend to enhance our understanding of the complex relationship between various variables and air quality, ultimately enabling us to forecast AQI values with high precision. This project seeks to provide valuable insights for proactive air quality management and public health measures.</p>	Deep Learning IEEE
3VPY171	<p><b>Obesity Level Estimation based on Machine Learning Methods and Artificial Neural Networks</b></p> <p>The objective of this project is to estimate obesity levels using Machine Learning and Artificial Neural Networks (ANN) with a focus on Long Short-Term Memory (LSTM) algorithm. By leveraging LSTM's ability to capture sequential data patterns, we aim to create a predictive model that utilizes relevant health and lifestyle features to classify individuals into different obesity levels. This approach not only provides accurate estimations but also aids in early intervention and personalized healthcare recommendations. Our goal is to contribute to proactive obesity management through data-driven insights, ultimately promoting healthier lifestyles and reducing obesity-related health risks.</p>	Deep Learning IEEE


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Project id	Titles	Domain
3VPY172	<p><b>AI Based Identification of Inappropriate Language</b></p> <p>Is to evaluate and compare the effectiveness of four distinct machine learning algorithms, namely Decision Trees, Random Forest, Long Short-Term Memory (LSTM), and BERT, in predicting the presence of offensive language in online text. Through the analysis of accuracy, precision, recall, and F1-score metrics, the study aims to provide insights into the strengths and weaknesses of these algorithms for content moderation purposes. Ultimately, the project seeks to contribute to the development of AI-based content filtering systems that can assist online platforms in creating safer and more respectful digital environments by automatically detecting and flagging offensive text.</p>	Machine Learning Non-IEEE
3VPY173	<p><b>Root Cause Localization in Microservices with Explain Ability</b></p> <p>The objective of this project is to develop a comprehensive and effective approach for root cause localization in microservices-based applications while emphasizing the integration of explainability. This involves researching advanced techniques and tools to swiftly and accurately pinpoint the sources of system disruptions and performance issues. The primary goal is to enhance the reliability and maintainability of microservices architectures by providing clear and understandable explanations of diagnostic findings. Real-world applications and case studies will validate the proposed approach, ultimately enabling more efficient debugging, reducing downtime, and improving the overall robustness of microservices-based software systems.</p>	Machine Learning Non-IEEE


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Project id	Titles	Domain
3VPY174	<p><b>Video Summarization</b></p> <p>Video Summarization is to develop an automated system that can analyze lengthy video content and generate concise and informative summaries. This system aims to save time and improve user engagement by providing a condensed version of the video's key highlights and important information. Additionally, it seeks to enhance content accessibility by making video content more digestible and searchable.</p>	Machine Learning Non-IEEE
3VPY175	<p><b>Loan Management System</b></p> <p>The objective of a loan management system is to add the loan details and the Apply loan process, SO based on that we are providing the repayment method efficient loan origination, approval, Messages, and monitoring while ensuring compliance.</p>	Python App
3VFS112	<p><b>Bus Pass Renewal Management System</b></p> <p>Streamline and automate the bus pass renewal procedure to significantly reduce wait times, paperwork inefficiencies, and delays, ultimately providing a quicker and more efficient service to commuters. Create a user-friendly web application that empowers passengers to conveniently renew their bus passes online, eliminating the need for time-consuming physical visits to ticket counters. Implement robust user registration and secure login mechanisms to protect passengers' personal information and ensure data confidentiality. Make the renewal process accessible to all, fostering inclusivity. Utilize contemporary web development technologies, such as Java EE, Spring Framework, and a relational database system, to build a scalable, secure, and adaptable software solution.</p>	Spring boot, React js, MYSQL


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Project id	Titles	Domain
3VAK105	<p><b>Application Development for Monitoring of Wool from Farm to Fabric</b></p> <p>The project aims to create a unified digital platform for the wool industry, with the objectives of improving transparency, efficiency, and collaboration among Admins, Users, Farmers, and Industries. It seeks to streamline data management, enhance communication, and facilitate trade to boost the industry's competitiveness and sustainability.</p>	Android kotlin
3VAK106	<p><b>Faculty Tracker - An Android App</b></p> <p>The primary objective of this project is to develop and implement an integrated administrative system tailored for a college environment. This system aims to streamline administrative processes by providing administrators with efficient tools to add and manage faculty members, schedule and share college events, and facilitate faculty communication. For faculty members, the system's goal is to simplify student management, document uploads, status updates, and event tracking. Students will be able to access documents, monitor faculty status, and stay updated on college events. Ultimately, the objective is to enhance communication, reduce manual workloads, and improve overall organizational efficiency, fostering a more productive and collaborative college community.</p>	Android kotlin
3VPY176	<p><b>Prediction of 5 Categories of Hepatitis Disease using Machine Learning</b></p> <p>The objective of this project is to machine learning techniques to develop an accurate predictive model for classifying Hepatitis disease into five distinct categories. By utilizing advanced algorithms and data-driven approaches, this research aims to enhance the early detection and categorization of Hepatitis cases, ultimately leading to more precise and timely medical interventions. This project's primary goal is to contribute to the improvement of Hepatitis diagnosis and patient care by providing healthcare professionals with a powerful tool that can aid in early identification and appropriate management of different Hepatitis disease 5 categories.</p>	Machine Learning IEEE

Project id	Titles	Domain
3VPY177	<p><b>Solar Radiation Prediction by using ML</b></p> <p>The objective of this study is to develop and evaluate machine learning models for accurate prediction of solar radiation levels, enabling efficient utilization of solar energy resources and supporting the integration of renewable energy sources into the energy grid.</p>	Machine Learning IEEE
3VPY178	<p><b>A Machine Learning Framework for Intrusion Detection in IOT Environments</b></p> <p>The primary objective of this project is to develop a robust Machine Learning Framework for Intrusion Detection in IoT Environments. This framework will be designed to effectively identify and respond to intrusion attempts in IoT systems, ensuring the integrity and security of connected devices and data. The project aims to enhance the existing state of IoT security by leveraging machine learning techniques for more adaptive and accurate intrusion detection. Through rigorous experimentation and evaluation, the objective is to demonstrate the framework's efficacy in mitigating threats and providing a scalable and sustainable solution for safeguarding IoT ecosystems against evolving security challenges.</p>	Machine Learning Non-IEEE
3VPY179	<p><b>Resampling Techniques for Enhanced Network Slice Classification in 5G Networks A SMOTE-Tomek Perspective</b></p> <p>The primary objective of this project is to utilize the SMOTETomek method and compare the performance of different machine learning models, namely Random Forest, CatBoost, Decision Tree and Extra Trees, for accurate network slice classification in 5G networks. The aim is to identify the best-performing model to address class imbalance and enable effective resource management in 5G environments.</p>	Machine Learning IEEE

Project id	Titles	Domain
3VAK107	<p><b>Enhancing Public Transportation Using Real Time Analysis</b></p> <p>The primary objectives of this project are to create a user-friendly Android app that simplifies travel planning, offers convenience in source-destination input, and provides accurate real-time estimates. The app aims to enhance user experience, reduce the effort required for journey planning, and empower users to make informed travel decisions, ultimately improving their travel efficiency and satisfaction.</p>	Android kotlin
3VPY180	<p><b>An Application of Deep Learning Algorithm for Automatic Detection of Unexpected Accidents under Bad CCTV Monitoring Conditions in Tunnels</b></p> <p>The primary objective of this project is to pioneer an advanced accident classification system tailored specifically for tunnel environments by employing deep learning algorithms. Recognizing the shortcomings of current detection systems, our goal is to design, implement, and test a model that can accurately identify and categorize incidents in real-time, regardless of the inherent visibility and spatial challenges posed by tunnels. Through the analysis of a comprehensive dataset of tunnel accidents, we aim to optimize model performance and ensure its adaptability to diverse scenarios. Ultimately, the project seeks to enhance safety standards, reduce response times, and bolster confidence in tunnel transportation systems.</p>	Deep Learning IEEE

Project id	Titles	Domain
3VFS113	<p><b>Online Survey Management System</b></p> <p>The primary objective of the Online Survey Management System project is to significantly improve the efficiency of survey processes. This includes streamlining survey creation, distribution, and data collection to save time and resources. The project aims to prioritize user experience by providing an intuitive interface that ensures ease of use for both survey creators and respondents. This objective is crucial in maximizing participation rates and data quality. OSMS strives to offer advanced analytical capabilities to extract meaningful insights from survey data. This objective involves implementing robust tools for identifying patterns, trends, and correlations within collected data.</p>	Spring boot, react js, MySQL
3VPY181	<p><b>Political Tweets Analysis in The Domain of Natural Language Processing</b></p> <p>The objective of this project is to employ Natural Language Processing (NLP) techniques to analyze political tweets. Through sentiment analysis, topic modeling, and trend identification, we aim to gain insights into public opinion, political discourse, and emerging issues in the political landscape, enabling a deeper understanding of social and political dynamics on digital platforms.</p>	Machine Learning Non-IEEE
3VPY182	<p><b>Stress Detection for IT Professionals Using Machine Learning</b></p> <p>The primary objective of this project is to develop a machine learning model that can accurately predict the stress levels of IT professionals based on physiological and work-related features such as heart rate, skin conductivity, hours worked, emails sent, and meetings attended. By doing so, the project aims to provide actionable insights for both individuals and organizations to proactively manage stress, thereby improving mental well-being and overall work performance.</p>	Machine Learning IEEE

Project id	Titles	Domain
3VPY183	<p><b>NTR Manasarovaram Park</b></p> <p>The objective of the NTR Manasarovaram Park project is to enhance the overall visitor experience and operational efficiency within the park. This project aims to establish a comprehensive database system for employee management, enabling seamless clock-in and clock-out procedures. Simultaneously, it will develop an inventory management system to monitor and maintain park maintenance items. Furthermore, the project will create a user-friendly managerial interface for tracking employee working hours and managing customer data. The ultimate goal is to provide a well-organized, technology-driven, and visitor-centric environment, improving the quality of service and administration at NTR Manasarovaram Park</p>	Python App
3VPY184	<p><b>Facial Recognition-Based Product Recommendation System Using Past Purchases</b></p> <p>The primary objective of this project is to develop and implement a robust Facial Recognition-Based Product Recommendation System using the KNN algorithm. The system will analyze users' facial features to gauge their emotional responses during the purchase process and, in conjunction with historical purchase data, generate personalized recommendations. The goal is to enhance user satisfaction and engagement while improving the relevance of product recommendations in e-commerce</p>	Machine Learning Non-IEEE
3VPY185	<p><b>Machine Learning in Planetary Defense Early Warning Systems for Hazardous Asteroids</b></p> <p>The primary objective of this project is to develop robust predictive models for categorizing asteroids, leveraging a suite of Machine Learning algorithms, including decision trees, KNN, XGBoost, logistic regression, and MLP. These models will enable us to assess the risk associated with different classes of asteroids and, consequently, formulate and implement mitigation strategies with precision, ultimately safeguarding our planet from potential asteroid impacts</p>	Machine Learning IEEE

Project id	Titles	Domain
3VPY186	<p><b>Image Based Stress Detection Using Deep Learning</b></p> <p>The objective of this project is to develop and evaluate a deep learning model, combining Convolutional Neural Networks (CNN) and MobileNet, to accurately detect and quantify stress in individuals through image analysis, with the aim of providing timely interventions and support for mental well-being.</p>	Deep Learning Non-IEEE
3VPY187	<p><b>Handwritten Signature Recognition Using Deep Learning</b></p> <p>The objective of this project is to create a robust machine learning model that differentiates between genuine and forged handwritten signatures with high accuracy.</p>	Deep Learning Non-IEEE