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our customers and strive to provide insights into the experiences others have had with our

innovative technology solutions At Aibytec we are committed to delivering exceptional quality

and customer satisfaction Our team works tirelessly to develop advanced solutions and we love

hearing from our clients about how our products have made a positive impact on their lives or

businesses Whether you are a firsttime user or a longtime partner your reviews help us

understand what we are doing well and where we can improve If youve had an experience with Aibytec we invite you to share your feedback as well Your reviews are invaluable in helping us grow and adapt to the everchanging demands of the technology sector Thank you for being part of our journey Reviews Review us Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu Copyright by AiBytec Chat Now

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innovative solutions Linkedin Github Sabahat Shakeel Generative AI Specialist I specialize in Gen AI and data science with expertise in prompt Eng and Hugging Face model integration I also develop dynamic web app using HTMLCSS JavaScript React and Firebase I combine AI and web development skills to deliver innovative solutions Linkedin Github Rustam Shomi ML Engineer With expertise in Python AWS Git MLDL and LeetCode certified AI and computing expert a knowledgeable data scientist with experience utilising AI technology to address challenging issues Linkedin Github Rizwan ML Engineer A dedicated machine learning enthusiast studying a bachelors degree in statistics Currently working at NUST and Aerial Robotics LAB on computer vision Completed multiple offline projects Linkedin Github AinUlHayat Marketing analyst I am driven passionate and a hardworking individual with a proven track record of success I serve as a dedicated Marketing Manager utilizing my skills to craft and implement innovative social media marketing strategies develop engaging content and optimize online interactions Linkedin Github Arham Javed Marketing analyst AI practitioner Im committed with a focus on computer vision and AI I am also actively engaged in digital marketing leveraging my knowledge to create an effective approach that enhances the online presence of projects I undertake Linkedin Github Rizwan ML Engineer A dedicated machine learning enthusiast studying a bachelors degree in statistics Currently working at NUST and Aerial Robotics LAB on computer vision Completed multiple offline projects Our Mission Vision Our goal at Al by Tec is to use artificial intelligence Al to transform organizations across industries and spur innovation and growth Al has the potential to completely change the way we work live and engage with technology in our opinion In our ideal future Al enhances human potential and transforms businesses while blending effortlessly with daily life We want to be at the forefront of this revolution bringing about significant change and building longterm value for our clients through our knowledge of and enthusiasm about Al Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu

Deployed Projects Aibytec Skip to content Aibytec AI BY TEC Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu Deployed Projects At Aibytec our commitment to innovation and excellence is showcased through our diverse range of deployed projects Each project highlights our expertise in developing advanced solutions tailored to meet the unique needs of our clients From advanced AI applications to robust software infrastructures our deployed projects demonstrate our ability to integrate technology seamlessly into various industries Our team of skilled professionals works diligently to ensure that every deployment not only meets but exceeds expectations delivering measurable results and enhancing operational efficiency Explore our portfolio to see how our deployed projects can transform your business challenges into success stories Text AI Psychologist An innovative technology known as AI Psychologist provides mental health advice and emotional support It helps you manage stress anxiety and other emotions by using sophisticated algorithms to recognize and react to your feelings Its like to always having a personal psychologist at your disposal Click here Digital Marketer The allinone tool for increasing your web visibility is Digital Marketer To assist you in effectively reaching your audience it optimizes ads automates social media postings and looks for trends Digital Marketer streamlines and expedites internet marketing regardless of the size of your company Click here Pneumonia Detection This AIpowered tool detects pneumonia from chest Xrays with speed and precision It assists doctors in diagnosing pneumonia early ensuring timely treatment By using advanced image analysis it enhances healthcare accuracy and helps reduce the risks associated with delayed diagnosis Click here Voice AI Psychologist An AIdriven voice chatbot that provides mental health support by understanding and responding to emotions It helps manage stress anxiety and other emotional challenges by offering advice and assistance making mental health care accessible through simple voice interaction Click here Chat Bot This chatbot is a

smart assistant that communicates with your clients 247 It may direct consumers provide answers to questions and even assist with purchases It makes your business more approachable and responsive by improving your client service and user experience It is made to comprehend and react intuitively Click here Breast Cancer Here is the tool for detecting breast cancer uses advanced artificial intelligence to search medical photos for early indications of the disease It swiftly assists doctors in making wellinformed judgments by precisely identifying possible problems This instrument is essential for early detection which raises the likelihood of a positive result Click here Urdu Voice Chatbot Urdu Language Voice Chatbot is a conversational AI tool designed to engage users in Urdu It offers a natural voicebased interaction answering queries providing guidance and enhancing communication for Urdu speakers This chatbot simplifies tasks and improves user experience in their native language Click here Lung Cancer Detection Using advanced AI this tool is built for early detection of lung cancer through medical image analysis It helps doctors identify potential cancer signs quickly leading to timely intervention and improving patient survival rates Reliable and efficient for healthcare providers Click here Brain Tumor Our brain tumor detection program analyzes brain images and detects possible cancers using stateoftheart artificial intelligence It gives quick precise results that assist clinicians in identifying problems early and developing efficient treatment plans This instrument is essential for enhancing patient outcomes and facilitating prompt medical decisionmaking Click here Breast Cancer Here is the tool for detecting breast cancer uses advanced artificial intelligence to search medical photos for early indications of the disease It swiftly assists doctors in making wellinformed judgments by precisely identifying possible problems This instrument is essential for early detection which raises the likelihood of a positive result Click here Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu Copyright by AiBytec Chat Now

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Train Models Aibytec is pioneering smart train models to enhance safety and efficiency in transportation We develop advanced algorithms that optimize train schedules conserve energy and predict maintenance needs By leveraging machine learning and AI our models analyze data on train operations passenger behavior and environmental factors enabling realtime decisionmaking that reduces delays and improves travel experiences We also focus on automated track inspections to identify potential issues early Committed to sustainability Aibytec designs solutions that lower carbon emissions and energy consumption Through partnerships with industry leaders we aim to implement these innovative models across rail networks transforming train operations for a safer greener and more efficient future Cancer prediction We feel proud of this effort because Using this project mammography images can be used to determine if a breast has benign or cancerous allowing healthcare providers and even people to make this decision Chatbot With and without customized data we have successfully integrated chatbots into the Chat GPT 35 framework enhancing its functionality and user experience Our advancements allow for the inclusion of tailored features that significantly improve interaction capabilities Among these features we have added a remarkable speechtotext functionality enabling users to seamlessly convert spoken language into text Avatars We create animated and humanoid avatars for your business or software designed to deliver news information and narratives Our avatar development services let you break free from the physical world and establish a unique virtual presence Let us craft a custom avatar that captures your essence and sets you apart in the digital landscape Start your journey to express yourself connect with others and leave a lasting impression Click Here Fraud Detection We are thrilled to present our groundbreaking initiative in Fraud Detection Using Machine Learning Weve used powerful algorithms to successfully detect fraudulent credit card transactions Our system employs cuttingedge algorithms to analyze transaction data identifying possible fraud scenarios with exactitude Pytorch Showcasing our

Machine Learning and Deep Learning project Using PyTorch we created an innovative neural network model for imagine categorization This model can correctly recognize fashionitems in the FashionMNIST dataset Click Here

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MORE ML and DL AI BY TEC offers ML and DL services that can revolutionize your business Our knowledgeable staff creates clever systems that can adapt and learn to help you make wiser decisions We leverage the potential of ML and DL to propel your performance from automated procedures to predictive analytics Computer Vision and NLP Use the Computer Vision and NLP services offered by AI BY TEC to improve your applications Our stateoftheart technology allows machines to comprehend and analyze visual input From video analysis to picture identification we offer solutions that enhance user experience accuracy and efficiency Generative Ai Use the Generative AI services from AI BY TEC to unlock your creativity To meet your needs we develop AI models that can produce text graphics and more Our Generative AI precisely and creatively brings your ideas to life whether its through content production creative inspiration for designs Chatbots and Assistants ChatGPTpowered chatbots from AI BY TEC will improve consumer relationships Our modern chatbots improve customer service and engagement by having thoughtful organic and tailored interactions Whether assisting users responding to inquiries our chatbots are made to provide smooth humanlike interactions Other Services Web Development Looking for a reliable web developer company Our team of experts specializes in creating professional and userfriendly websites tailored to your needs Contact us today to take your online presence to the next level Canva Services Utilize Canva Service from AI BY TEC to create eyecatching Logos banners and many more stuff To create visually striking images social media posts and marketing collateral our creative team use Canvas powerful design tools Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu Copyright by AiBytec Chat Now

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development of advanced solutions utilizing advanced AI technologies is our area of expertise at AIBYTEC Our goal is to equip companies of all sizes with the power of Al so they can run more efficiently enhance performance promote expansion and profitability Our team of professionals is available to assist you whether youre wanting to create a unique application powered by Al incorporate Al into your current software stack or investigate the potential of deep learning and machine learning Read More Our Creative AI Solution Al by Tec uses artificial intelligence to develop creative specialised solutions that are tailored to your companys demands Our team of professionals has years of experience creating Aldriven software programmes that aid companies in achieving their objectives and staying one step ahead of the competition Were here to assist you at every step whether youre creating chatbots predictive models or automating business processes Our Product We can create animated or humanlike avatars for your business or app needs These avatars may read news provide information share stories and recipesWith the help of our avatar creation services you may break free from the constraints of the real world and fully express your online presence Let us create a unique and alluring avatar for you that captures the spirit of who you are or what your brand represents Start a digital journey that will give you the opportunity to express yourself interact with people and leave a lasting impact Innovative Solution For Every Industry These innovative solutions demonstrate how AIbyTec leverages AI to address specific challenges and drive advancements in various industries providing transformative benefits and opportunities for growth Health care AIBYTEC unveils a groundbreaking solution for the healthcare sector that uses AI to revolutionise patient care Our technology aids healthcare practitioners in early disease detection individualised treatment planning Business By building your own chatbots that are connected to even chatgpt4 on your personalised data we can help your business grow By doing this one can group together specialised knowledge to help customers avoid unnecessary information Training Join us in our mission to spark change and empower minds Lets work together to build a society and make a

difference in the future is constrained by their ability to pay Also if you are not capable to pay your fee then consult us I will investigate first and then provide you facility Read More Express everything and feel everything Express everything and feel everything with our artificial intelligence company We bring your ideas to life through stunning websites that capture your vision and engage your audience Creative Team Our experienced team of developers create websites with user experience at the forefront ensuring your website is both functional and visually appealing Smart Solutions Looking for smart web solutions Our web development company provides innovative and customized websites to meet your business needs Contact us today Work smart Reliable Seeking for a AI company that works smart and reliable Look no further Our team has the expertise and dedication to deliver outstanding results for your website Our Blogs Common Issues with API Key Versions and Strategies to Resolve Them API keys are crucial tools for data security and software development because they allow systems to communicate with each otherRead More Arham Javed3 December 2024 Exploring Agentic AI Potential Uses in the Coming Months Artificial intelligence AI is evolving rapidly and with it comes a fascinating concept Agentic AI Unlike traditional AI systems whichRead More Arham Javed27 November 2024 Addressing Hallucinations in LLMs Methods for Improving Accuracy and Reliability Addressing LLM Hallucinations is crucial as language models such as ChatGPT serve as valuable resources for tasks ranging from essayRead More Arham Javed22 November 2024 Load More Stay Connected Stay ConnectedNameEmailMessageSubmit Home Services Projects Train Models Deployed Projects Training About Us Blogs Reviews Contact Hamburger Toggle Menu Copyright by AiBytec Chat Now

Here is courses information that offered by AIBYTEC

Beginner Level

Module - 1

Python Basics

Course duration = 1 month (3 classes a week)

Fee = 12000 pkr /month

Course Outline:

1: Print

2: Variables for Strings

3: Variables for Numbers

4: Math expressions: Familiar operators

5: Variable Names Legal and Illegal

6: Math expressions: Unfamiliar operators

7: Math expressions: Eliminating ambiguity

8: Concatenating text strings

9: *if* statements

10: Comparison operators

11: *else* and *elif* statements

32: Dictionaries: Looping through keys

33: Dictionaries: Looping through key-value pairs

34: Creating a list of dictionaries

35: How to pick information out of a list of dictionaries

36: How to append a new dictionary to a list of dictionaries

37: Creating a dictionary that contains lists

38: How to get information out of a list within a dictionary

39: Creating a dictionary that contains a dictionary

40: How to get information out of a dictionary within another dictionary

Beginner Level
Module - 2

Course duration = 2 month (3 classes a week)

Fee = 12000 pkr /month

Course Outline:

66: Modules

67: CSV files

68: CSV files: Reading them

69: CSV files: Picking information out of them

70: CSV files: Loading information into them. Part 1

71: CSV files: Loading information into them. Part 2

72: CSV files: Loading information into them. Part 3

73: CSV files: Appending rows to them.

74: How to save a Python list or dictionary in a file: JSON

75: How to retrieve a Python list or dictionary from a JSON file

Intermediary Level
Module - 1

Course duration = 3 month (3 classes a week)

Fee = 15000 pkr /month

Course Outline:

1. **Python libraries:**

Numpy:

 Learn how to use Numpy to effectively handle arrays and matrices in advanced numerical computing.

Pandas:

Pandas enables data-driven decision-making by demonstrating the potential of data manipulation and analysis.

2. <u>Mathematical Basics:</u>

Our comprehensive education curriculum covers the fundamental mathematical concepts that serve as the foundation for many AI and data science applications:

Matrix:

 Master the technique of manipulating matrices, a vital tool in linear algebra and data analysis.

Algebra: Learn the principles of algebra and develop a thorough knowledge of equations and mathematical operations.

Probabilities:

 Learn how to examine uncertain situations and make data-driven decisions by diving into the realm of probabilities.

Intermediary Level
Module - 2

Course duration = 3 month (3 classes a week)

Fee = 18000 pkr /month

Machine learning:

1. ***Supervised Learning:*** Understanding the concepts of supervised learning, where the algorithm learns from labeled training data to make predictions or classifications.

2. ***Unsupervised Learning:*** Exploring unsupervised learning techniques, where the algorithm learns from unlabeled data to find patterns, clusters, or hidden structures.

3. ***Semi-Supervised Learning***: Studying the techniques that combine both labeled and unlabeled data for training models.

4. ***Reinforcement Learning:*** Learning about the process of training agents to make decisions in an environment to maximize rewards.

5. ***Feature Engineering:*** Learning how to select, transform, and create relevant features to improve model performance.

6. ***Model Evaluation and Validation:*** Understanding techniques to evaluate and validate machine learning models to ensure their effectiveness and generalization.

7. ***Bias-Variance Trade off:*** Learning about the tradeoff between bias and variance in machine learning models and how it affects performance.

8. ***Hyper-parameter Tuning:*** Exploring techniques to optimize hyperparameters of machine learning models for improved performance.

9. ***Ensemble Methods:*** Understanding how to combine multiple models to create more robust and accurate predictions.

10. ***Dimensionality Reduction:*** Studying techniques to reduce the number of features in high-dimensional datasets while preserving essential information.

11. ***Transfer Learning:*** Learning about leveraging per-trained models for new tasks to improve efficiency and performance.

12. ***Time Series Analysis:*** Exploring techniques for analyzing and forecasting time-series data using machine learning models.

13. ***Model Deployment:*** Understanding how to deploy machine learning models in real-world applications.

14. ***Ethics in Machine Learning:*** Considering the ethical implications of using machine learning and ensuring fairness and transparency in model predictions.

15. ***Natural Language Processing (NLP):*** Studying techniques for understanding and processing human language using machine learning.

16. ***Computer Vision:*** Learning about machine learning techniques for image and video analysis.

17. ***Clustering and Anomaly Detection:*** Exploring techniques for grouping data into clusters and identifying unusual patterns.

18. ***Recommendation Systems:*** Understanding how machine learning is used to build personalized recommendation systems.

19. ***Neural Network Architectures:*** Studying different types of neural network architectures, including convolutional neural networks (CNNs) and recurrent neural networks (RNNs).

20. ***Deep Learning:*** *study neural networks, back-propagation, activation functions, and optimization algorithms to develop advanced models for complex pattern recognition and data analysis.*

Team Members Details

1. Anum Zeeshan - CEO Founder

- **Description**: "Anum Zeeshan is the CEO and Founder of AI BY TEC, specializing in NLP and Computer Vision. She leads the team in developing AI solutions that simplify human-machine interaction."

2. Tariq Jamil - ML Engineer

- **Description**: "Tariq Jamil is a Machine Learning Engineer at AI BY TEC, specializing in Computer Vision and Generative AI. He excels in developing and implementing advanced algorithms to extract meaningful insights from visual data."

3. Sajid Ali - ML Engineer

- **Description**: "Sajid Ali is an ML Engineer at AI BY TEC with a passion for programming and data science. Proficient in Python, HTML, CSS, and JavaScript, he thrives on creating innovative solutions to complex problems."

4. Rustam Shomi - ML Engineer

- **Description**: "Rustam Shomi is an ML Engineer at AI BY TEC, certified in AI and computing. With expertise in Python, AWS, Git, ML/DL, and LeetCode, he applies AI technology to solve complex challenges."

5. Rizwan - ML Engineer

- **Description**: "Rizwan is a Machine Learning Engineer at AI BY TEC, currently studying statistics and working at NUST. With a focus on computer vision, he has completed multiple offline projects and contributes to AI research."

6. Ain-Ul-Hayat - Marketing Analyst

- **Alternative Text**: "Ain-Ul-Hayat, Marketing Analyst at AI BY TEC"
- **Title**: "Ain-Ul-Hayat - Dedicated Marketing Manager"
- **Caption**: "Ain-Ul-Hayat, crafting innovative social media strategies."
- **Description**: "Ain-Ul-Hayat is a Marketing Analyst at AI BY TEC, responsible for developing and implementing effective social media marketing strategies. Her work drives engagement and optimizes online interactions."

7. Arham Javed - Marketing Analyst/AI Practitioner

- **Description**: "Arham Javed is a Marketing Analyst and AI Practitioner at AI BY TEC, specializing in computer vision and digital marketing. He leverages his AI expertise to create effective strategies that boost the online presence of the projects he undertakes."