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**VIJAY KUMAR CHIRUTHA
SOFTWARE COURSES**



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INTRODUCTION TO AI & ML

- What is Artificial Intelligence?
- Types of AI (Narrow, General, Super AI)
- Overview of Machine Learning
- AI vs ML vs Deep Learning
- Real-world Applications

PYTHON FOR AI & ML

- Python basics & data structures
- NumPy, Pandas for data handling
- Matplotlib, Seaborn for data visualization
- Jupyter Notebook setup

DATA PREPROCESSING & FEATURE ENGINEERING

- Data cleaning & handling missing values
- Feature scaling & normalization
- Encoding categorical data
- Feature selection techniques

SUPERVISED LEARNING

- Linear & Logistic Regression
- Decision Trees & Random Forests
- Support Vector Machines (SVM)
- K-Nearest Neighbors (KNN)
- Model evaluation metrics (Accuracy, Precision, Recall, F1-score)

UNSUPERVISED LEARNING

- Clustering (K-Means, Hierarchical)
- Dimensionality Reduction (PCA)
- Anomaly detection
- Association Rule Learning

DEEP LEARNING (DL)

- Introduction to Neural Networks
- Activation functions & backpropagation
- TensorFlow & Keras basics
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs), LSTMs

NATURAL LANGUAGE PROCESSING (NLP)

- Text preprocessing (tokenization, stemming, lemmatization)
- Bag of Words & TF-IDF
- Sentiment Analysis
- Chatbots with NLP models
- Transformers & Large Language Models (LLMs)

AI MODEL DEPLOYMENT

- Saving & loading models
- Flask / FastAPI for ML model APIs
- Streamlit for AI dashboards
- Cloud deployment (AWS, Azure, GCP)

GENERATIVE AI (GENAI)

- Overview of Generative Models (GANs, VAEs)
- Prompt Engineering & LLMs
- Image generation with Diffusion Models
- AI Agents & Automation

AI ETHICS & FUTURE TRENDS

- Bias & fairness in AI
- Data privacy and governance
- Explainable AI (XAI)
- AI in emerging fields (Health, Finance, Robotics)



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OUR SERVICE

WE ARE PROVIDING MULTIPLE SOFTWARE COURSES

- DATA SCIENCE WITH AI
- DATA ANALYTICS WITH AI
- DATA ANALYST AND BUSINESS ANALYST WITH AI
- MANUAL TESTING AND SELENIUM WITH AI
- PYTHON FULL STACK WITH AI
- JAVA FULL STACK WITH AI
- DIGITAL MARKETING WITH AI
- TABLEAU + SQL WITH AI
- ORACLE, SQL, MYSQL
- EXCEL AND ADVANCED EXCEL WITH AI
- SAP [ALL MODULES]
- SALESFORCE
- GEN AI
- CYBER SECURITY WITH AI
- VIDEO EDITING COURSE
- SERVICE NOW
- MULESOFT
- AWS/AZURE DEVOPS
- MS OFFICE
- POWER APPS

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About US

- We are Providing the Software Courses for both Online and Offline
- We have well Experienced and Real Time Trainers
- We give the best content to cover all your course syllabus and its practical knowledge
- We give 2 to 3 Assignments to our students which helps the more interactivity with course and its practical real time scenario knowledge
- We explains the 2 to 3 projects and letting the students to know to how to do real time projects once they get selected



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THANK YOU SO MUCH

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