Email:
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Phone: +91 8885161078

Location: Hyderabad, India

LinkedIn:
linkedin.com/in/lova-kumar

GitHub:
github.com/kumarlova

Skills

Programming Languages: Python, C, SQL

Tools and Technologies: Tableau, Jupyter Notebook, Visual Studio Code, Colab Notebook, Excel, GitHub, Docker, REST API, AWS EC2

Frameworks and Libraries: Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, PyTorch, Keras, SpaCy, Transformers

Algorithms: Linear Regression, Logistic Regression, Decision Trees, Ensemble Models, KNN, K-means, SVM, NLP

Data Science Specializations: Deep Learning, Generative AI, Statistical Analysis, Business Forecasting, Database Management

Other Skills:

Business Requirements Gathering,

Analytical Thinking,

Education And Training

Lova Kumar Poluparti

Summary

Experienced Junior Data Scientist skilled in leveraging extensive datasets for actionable insights. Proficient in distribution, predictive, and hypothetical modeling techniques. Specialized in deep learning and generative AI, driving innovation and results. Committed to personal and professional growth, staying updated with the latest advancements. Thrives in dynamic environments, contributing to company progress while expanding skills.

Experience

Edunet Foundation – Subject Matter Expert(AI/ML)
Hyderabad, Telangana
June 2024 - current
Roles and responsibilities:

- Willing to handle Offline & Online training sessions.
- Deliver daily lectures and maintain high lecture ratings.
- Identify the gaps in learning when working with students.
- Design and develop engaging study material and content.
- Good at managing the cross-team effort to develop and deliver complete end-to-end Data Science Projects.

Skills include: Python, Mysql, tableau, Machine learning, deep learning

Gen z Technologies - Junior Data Scientist
Hyderabad, India
05/2023 – 04/2024
Projects
Company Name: CORL Technologies (health care company)
Role: Junior Data Scientist
Problem: Question and Answer vendor documents to verify standards of different health equipment quality.
Description:

- Worked with CORL, a healthcare company, to assess the standards of equipment provided by vendors, covering diverse product standards within the documents.
- Designed and developed a well-versed, easily maintainable, reliable, and easily understandable private Q&A system using AI models required for the task.

Education

B.Tech. in Electrical and Electronics Engineering
Gokaraju Rangaraju Institute of Engineering and Technology
Graduated: May 2016
Percentage: 73.57%

Diploma in Electrical and Electronics Engineering
Sir C R Reddy Polytechnic College
Completed: May 2013
Percentage: 87.43%

Certifications
Full Stack Data Science
Almabetter
May 2021 – June 2022

Tableau Certification
Udemy
September 2022 – October 2022

Hobbies And Interests

- Reading Books
- Trekking
- E-Farming

- Finetuned the private documents with questionnaires tailored to meet specific requirements.
- Reduced manual workload by 20% and decreased the time required for verifying equipment standards by 30%.

Skills Include: Python, PyTorch, LangChain, Llama Index, RAG, Milvus DB

Project: YouTube Summarizer
Role: Junior Data Scientist
Problem: YouTube hosts numerous videos with comments, requiring analysis to discern sentiment and generate summaries.
Description:

- Responsible for extracting video transcriptions and retrieving comments, likes, dislikes, and descriptions.
- Employing efficient methods to analyze large volumes of videos within tight timeframes.

Skills: Python Libraries, Natural Language Processing, LLM's

Worked on POCs
- Invoice processing both PDF and scanned images using Pytesseract to parse output in the required format.
- Audio noise cancelation using Python.
- PDF and PPT editing using Python.
- Exploring the hugging face models Donut,llava-1.5, clip llms.