

Ravikant

Data Analyst

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🐙 github 🐦 twitter

Profile

Experienced Data Analyst with expertise in Python programming, data science and Artificial Intelligence. Proven track record of delivering quality solutions with real-time datasets. Adept at decoding complex data patterns and providing actionable insights. Passionate about mentoring and creative pursuits, including video editing and Android development. Entrepreneurial mindset. Committed to turning data into valuable insights and driving innovation.

Professional Experience

Data Analyst, Synergy Systems and Solutions 08/2023 – present

- Proficient in interpreting complex datasets and retrieving insights from it.
- Delivered actionable insights for process optimization.
- Dashboard on Dynamic dataset of energy consumption in India.
- Enhanced decision-making and recognized critical data patterns.
- Achieved high client satisfaction through effective communication.
- Machine learning (SARIMA, PROPHET) model for forecasting the energy consumption.

Skills: Python, Machine Learning, Grafana, Flex Reports, PostgreSQL.

Subject Matter Expert (Freelancer), Ur Doer 03/2023 – present

I as a Subject matter expert in the field Data Science and AI worked on 12+ projects which includes Language translation using NLP techniques and transformers, Forecasting using Time series models, Image classification using GANNS and CNN model on 1000+ images, made a chatbot using OpenAI API's etc.

Data Scientist (Intern), Intellipaat Software Solutions 07/2022 – 12/2022

Worked on the Projects Recommendation System of Netflix, Capstone Projects which include Sentiment analysis, Sales Forecasting etc.

Education

MS in Machine learning and Artificial Intelligence, 11/2023 – present
Liverpool John Moore's University, London

BSC (Mathematical Science), University of Delhi 11/2020 – 06/2023

Advanced certification in Data Science and AI, 01/2022 – 08/2022
Indian Institute of Technology, Madras

Skills

Python • PostgreSQL • Machine Learning • Deep Learning • Grafana/PowerBI • Time Series

Certificates

- Internship Certificate, Intellipaat Software Solution
- Internship Completion Certificate

Volunteer

PGDAV College, University of Delhi(DU), *Coordinator (Rise Club)*

- Collaborate with a team of researchers to conduct cutting-edge research in Time Series Analysis, Deep Learning, Machine Learning, Adaptive hypermedia, green computing and Data Science.
- Train junior researchers and students, providing guidance on research methodology, data analysis etc.
- Now, working on paper on detrending techniques using neural networks.

Projects

Capstone Project

- Completed a Capstone project which include Sentiment analysis, Sales Forecasting, Segmenting customer behavior etc. using time series, ML, NLP techniques like Sentiment analysis, segmentation, lemmatization etc.
- Retrieved useful insights for business purposes.

Own Website using Django

Made my own website using Django framework written in python and using machine learning on it for analyzing the user's behavior who are visiting to our site.

Fraud Detection model for US

- Developed a fraud detection model using machine learning algorithms.
- Analyzed historical transaction data to identify patterns and anomalies.
- Implemented features like transaction amount, location, and user behavior.
- Achieved a high accuracy rate in detecting fraudulent activities.
- Utilized real-time monitoring to provide instant alerts for suspicious transactions.
- Reduced financial losses and improved security for the organization.
- Measured Fraudulent transactions, Reversed transactions and credit limit range etc.

Desktop Assistant (Alex)

- Made a Desktop assistant named Alex.
- Can perform various tasks on your pc like-
- He can talk with you, give advice to you, play with you etc.
- Open the app or link for you stored in your pc, etc. created using open Api's and python language (packages like speech recognition etc.).

Image Classification

- Employed Generative Adversarial Neural Network (GANN) for image classification.
- Trained the GANN on a dataset comprising over 1000 diverse images.
- Achieved state-of-the-art accuracy in classifying images into predefined categories.
- Utilized data augmentation techniques to improve model generalization.
- Implemented a robust validation process to ensure model reliability.
- The project resulted in accurate image classification for a wide range of inputs.

Interests

- Cricket
- Travel
- Video Editing

Languages

- English
- Hindi