Randhir Gawai

Data Science Expert

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Summary

3+ years of experience in creating and implementing advanced data solutions, with focus on the outcomes. Competent in different scripting languages and machine learning tools for a 20% improvement in the processing efficiency of big data. Demonstrated abilities to drive changes in engineering processes and solve complex problems with an aim to reduce project completion time by 15%. Proven ability to deliver results in fast-paced environments that may be measured.

Skills

Technical Skill

Python, Machine Learning, Deep Learning, Neural Network, Statistical Methods, Data Preprocessing, SQL, EDA, NLP, Flask, Power BI, AWS, Tensorflow, Scikit-Learn, Data Modeling, Data Integration, Selenium, BeautifulSoap4

Experience

Techienest Pvt Ltd   2022- Preset
Data Science Expert   Jaipur

- **End-to-End Project Development**: Successfully built projects for clients in the insurance, edutech, and police sectors, resulting in a 30% hike in revenue
- **Performance Analytics:** Developed an insightful PowerBI dashboard to monitor and analyze student performance. This initiative resulted in a 20% improvement in student engagement.
- **Project-Based Learning:** Guided and mentored students in creating ML, DL, and NLP projects, cultivating practical skills. Contributed to a 25% increase in successful project completions.
- **Efficiency Enhancement:** Automation of the entire student lifecycle, from marketing and sales to placement,resulting in a 30% increase in process efficiency and a significant reduction in errors.

Focus Educare Pvt. Ltd.   2017 - 2022
Data Analyst   Amravati

- **Strategic Data Utilization:** Managed big data sets that were generating data-driven insights as well as impactful data models leading to an operational efficiency improvement of note at about 20%.
- **Value Chain Development:** Ensured the establishment of a comprehensive value chain for acquisition, evaluation, and use of data that drove decision-making processes resulting in a 15% rise in revenue.
- **Statistical Analysis and Machine Learning:** By employing statistical methods, machine learning algorithms to analyze data, insightful reports were generated with notable growth of about 19%.
- **Team Collaboration:** Engaged with cross-functional teams on complex data issues creating collaborative environments that resulted into 25% percent drop in project delivery time.

Projects

AI-Based Accident Damage Detection for Insurance Industry

- Achieved a precision score of 94% in vehicle damage detection through the implementation of AI, training the YOLO model with over 16,000 images.
- Formulated a system for precise vehicle condition evaluation, reducing repair cost estimation errors by 25%.
- Improved incident investigation speed by 30% through remote assessment of damages, leading to faster processing of insurance claims.

Police FIR Generation and Crime Analysis Platform with Act and Section Recommendations

- Put in place NLP-based recommendation system for accurate FIR filing, improving efficiency by 20%
- Created a centralized crime analysis dashboard, enhancing data-driven decision-making by 30%.
- Utilized the Fitz library for Optical Character Recognition (OCR) to extract text from scanned FIR PDFs, reducing the time required for document processing by 30%.

Job Recommendation Platform Using Resume Matching and Scoring

- The present system integrated natural language processing algorithms, in order to make the resume analysis effective, make personal job suggestions and yielded a increase of 20% in job finding that are pertinent.
- I applied cosine similarity matric for improving accuracy during my research on this topic which helped me identify relevant job offers and increase accuracy by 25% among other things.
- For rating compatibility, I came up with an algorithm that simplified application process and showed applicants their total score which led to about 30% improvement of the application efficiency.

Education

Sipna College of Engineering and Technology   2014 - 2017
Information Technology   Bachelor of Engineering
67%

Certifications

Introduction to Data Science Issued by Cisco
Cisco
🔗 https://www.credly.com/badges/5152eb87-a2ff-42eb-bf45-a28bfd17f1ff/linked_in_profile

Introduction to Data Science
Cisco
🔗 https://www.credly.com/badges/d4c8be5c-665f-4a7c-9fa6-83c2f4d8a1fe/linked_in_profile

Data Science Foundation
Great Learning