Randhir Gawai

Data Science Expert

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Profiles

Randhir Gawai
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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.

Experience

Techienest Pvt Ltd   **2022- Preset**
Data Science Expert   Jaipur

- **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.
- **Strategic Contribution:** Contributed to decision-making, establishing KPIs for efficient class management and curriculum development, leading to a 15% improvement in overall class effectiveness.
- **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.
- **Career Advancement:** Engineered a comprehensive platform for students to create professional resumes and connect with job opportunities, resulting in a 40% increase in successful student job placements.
- **Achievements:** Appointed as the Technical Coordinator for the "Rajasthan Police Hackathon 1.0. "Provided mentorship to all participating students, ensuring their successful engagement in the hackathon.

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

- **Strategic Data Utilization:** Oversaw the management and analysis of large datasets, leading to the construction of data-driven insights and impactful data models, resulting in a notable 20% improvement in operational efficiency.
- **Value Chain Development:** Formulated a comprehensive value chain for the acquisition and evaluation of data that drove decision-making processes, contributing to a 15% increase in revenue.
- **Statistical Analysis and Machine Learning:** Applied statistical methods, machine learning algorithms to analyze data, resulting in the generation of insightful reports and a notable 19% growth.
- **Team Collaboration:** Collaborated closely with cross-functional teams to address complex data challenges, fostering a collaborative environment that caused in a 25% reduction in project delivery time.

Education

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

G. H. Raisoni College of Polytechnic and Engineering, Amravati   **2012 - 2014**
Computer Engineering   Polytechnic
64.84%

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.
- Utilized MySQL to efficiently store and manage car and customer data, ensuring quick retrieval for decision-making processes and reducing data retrieval time by 40%.
- Implemented fraud detection, contributing to a 20% reduction in fraudulent insurance claims by providing insurers with objective and accurate vehicle condition information.

Police FIR Generation and Crime Analysis Platform

- Implemented 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%.
- Deployed a feature for generating FIR PDFs directly from the platform, streamlining documentation and report generation processes and increasing efficiency by 40%.

Skills

Technical Skill
Possess a strong proficiency in the following skill set, acquired through hands-on experience in diverse projects at both current and previous organizations.

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

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