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 python and machine learning tools for a 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. 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 hike of revenue
- **Performance Analytics:** Developed an insightful PowerBI dashboard to monitor and analyze student performance. This initiative resulted in a improvement of student engagement.
- **Project-Based Learning:** Guided and mentored students in creating ML, DL, and NLP projects, cultivating practical skills. Contributed to increase in successful project completions.
- **Efficiency Enhancement:** Automation of the entire student lifecycle, from marketing and sales to placement,resulting 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.
- **Value Chain Development:** Ensured the establishment of a comprehensive value chain for acquisition, evaluation, and use of data that drove decision-making processes resulting of 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.
- **Team Collaboration:** Engaged with cross-functional teams on complex data issues creating collaborative environments that resulted drop in project delivery time.

Projects

AI-Based Accident Damage Detection for Insurance Industry

https://shrturl.app/eEFpFa

- 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.
- Improved incident investigation speed through remote assessment of damages, leading to faster processing of insurance claims.

Job Recommendation Platform Using Resume Matching and Scoring

https://shrturl.app/r054-p

- 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.

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.
- Created a centralized crime analysis dashboard, enhancing data-driven decision-making.
- Utilized the Fitz library for Optical Character Recognition (OCR) to extract text from scanned FIR PDFs, reducing the time required for document processing.

Education

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