Rikesh Prajapati

Data Scientist

📞 9116859817 ✉ kumarrikesh0905@gmail.com 📍 Sirohi(willing to relocate), Rajasthan

🔗 www.linkedin.com/in/rikeshdatascientist/

SUMMARY

Data Scientist with **1** year of experience, specializing in **Machine learning**, **Deep learning**, and **Python**. Proven track record in reducing manual processing time by **70%** and achieving **85%** accuracy in **automated** door detection systems, demonstrating the ability to **enhance efficiency** and **reliability**. Skilled in leveraging **SQL**, **OpenCV**, and **Pandas** to address complex **data processing** challenges.

SKILLS

| Languages | Python | SQL |

| Libraries | Pandas | Numpy | Matplotlib | Scikit-Learn | OpenCV | EasyOCR |

| Hard Skills | Machine Learning | Deep Learning | Computer Vision | Data Analysis | Model Evaluation | Natural Language Processing (nlp) |

| Tools | VS Code | Jupyter Notebook | Git | LabelImg |

| Soft Skills | Problem Solving | Team Collaboration | Research |

WORK EXPERIENCE

Junior Data Scientist   Jul 2022 - Jul 2023

RapidOps Solution, Ahmedabad

- Developed a **door detection system** using **Python** and **computer vision techniques**, achieving an **85% accuracy rate** and reducing **manual processing time by 70%**.
- Implemented a **YOLO model** for precise door detection in PDF architecture files, utilizing **OpenCV** and **TensorFlow** to enhance **accuracy** and **system robustness**.
- Created an optimized **data extraction pipeline**, improving **efficiency by 80%** and reducing **errors by 70%**, by leveraging **Pandas** and **EasyOCR** to extract and process **door information**.
- Conducted comprehensive **testing** and **validation**, ensuring an **80% system reliability rate** and addressing potential issues through rigorous **data analysis** and **model evaluation**.

PROJECTS

Door Detection   Jul 2022 - Jul 2023

- Automated door identification in architectural floor plans using **computer vision**, reducing **manual effort by 70%**.
- Implemented a **YOLO model** for accurate door detection in PDF architecture files, achieving **85% accuracy**.
- Created an efficient pipeline for extracting door information using **EasyOCR** and **Regex**, increasing **data processing speed by 70%**.
- Communicated project results effectively to both technical and non-technical stakeholders and collaborated with a team of 4 members, enhancing **team productivity by 70%**.

CERTIFICATIONS

Data Science Pro   **Sep 2021 - Apr 2022**

The Data Science Pro certification covered machine learning techniques including supervised and unsupervised learning, regression, classification, ensemble learning, as well as SQL and Tableau.

Python   **Sep 2022 - Feb 2023**

The Python certification for data science included training in Python programming specifically tailored for data science applications.

EDUCATION

Bachelor of ComputerMLSU Application: Computer Applications   **May 2018 - Jun 2021**

Senior SecondaryBSER Education: Science   **Jun 2016 - Mar 2018**

ACCOMPLISHMENTS

- Won "Man of the Match" as an all-rounder in a college cricket tournament.
- Earned multiple badges on LeetCode.