

Pranava Kailash S P

Data Scientist

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Summary

Results-driven Data Scientist with hands-on experience in Python, SQL, and machine learning. Skilled in data analysis, automation, and building pipelines to uncover actionable insights. Experienced with NLP, predictive modelling, and delivering clear results for real-world problems. Eager to apply my skills to impactful data projects in fast-paced, innovative teams

Education

University of Surrey, M.sc in Data Science (**2:1**) Feb 2024 – Feb 2025

- **Modules:** Data science Principles and Practices, Database Systems, Natural Language Processing, Computational intelligence, Data Exploration and Analysis, Cloud Computing, Machine Learning and Data Mining
- **Dissertation:** CyNER2.0 – Cybersecurity Named Entity Recognizer

SNS College of Technology, B.E Computer Science and Engineering (**Distinction**) Aug 2019 – May 2023

- **Modules:** Python, Database System and Architecture, Data Structures and Algorithms, Operating System, Automata Theory, Cloud Computing, Natural Language Processing, Machine Learning
- **Dissertation:** V-Verify - Voter identification System Using Design thinking principle

Work Experience

Data Researcher/Engineer – Fleet Street Research, UK (Freelance) Oct 2022 – Jan 2024

- Developed Python-based data extraction pipelines to enhanced data acquisition efficiency by **50%**
- Optimized image import workflow to improved data integrity and streamlined database integration
- Integrated data pipelines across MySQL and SQLite using SQL Alchemy to ensure seamless transitions with zero data loss
- Implemented Git for version control, enhancing collaboration and code management across development teams

Data Scientist – Yoshops.com, India (Internship) Feb 2022 – Apr 2022

- Automated data collection using web scraping tools to increased real-time pricing accuracy by **40%** and enhanced product performance insights
- Built predictive models to improve decision-making accuracy, demonstrated expertise in data integration and visual presentation
- Designed and developed a **90%** accurate Deep learning model for osteoarthritis detection using VGG16 to optimized feature extraction in medical applications

Data Scientist – Forsk Coding School, India (Internship) Mar 2021 – June 2021

- Led sentiment analysis on customer reviews using NLP techniques to uncover insights that achieved product enhancements
- Utilized Flask for back-end development and webpage rendering to enable real-time interaction with machine learning outputs
- Deployed scalable machine learning models on **AWS** to streamline data processing and ensure high-performance pipelines

Skills

Programming Language: Python (Intermediate), SQL (Intermediate)

Core Technical Skills: Data Cleaning & Processing, Statistical Analysis, Data Mining, Exploratory Data Analysis (EDA)

ML/AI Tools: Pandas, NumPy, Scikit-learn, Transformers, RAG, Docker, MLflow, GitHub Actions

Data Visualization: Matplotlib, Seaborn (for reporting)

Certifications

- Docker Foundation Professional Certification – Docker. Inc May 2025
- SQL Certification (Intermediate) – Hacker Rank August 2025
- Applied Machine Learning in Python – Coursera June 2021