Vimal Joshy

vimalioshy2011@gmail.com — www.linkedin.com/in/vimalioshy — Bengaluru, India — +91 9995484540

Summary

Data Analyst with expertise in data science, machine learning, and statistical analysis. Proficient in Python and SQL, with experience extracting insights from complex datasets. Spearheaded Generative AI initiatives and developed machine learning models. Seeking a Data Science role to apply analytical skills and contribute to impactful projects.

Skills

- Python
- Data Science
- Generative AI
- MS Office Suite
- SQL
- Machine Learning
- Pyspark
- Data Visualization

Experience

Data Analyst **IQVIA**, Bengaluru,India January 2024 - Present

- Spearheaded Generative AI projects and developed a machine learning model for patient indication identification using LRX data, enhancing analytics capabilities for 5+ client projects.
- Analyzed multi-country patient data for sob, retention, and patient cohort projects, designing custom analysis methodologies with project managers and clinicians, combining ML and business rules to provide insights to 10+ stakeholders.
- Managed recurring client projects and partnered with the GTM team to support Real-World Analytics offerings, ensuring 100% on-time delivery and onboarding multiple new clients.
- Developed automation tools, including a QC tool that reduced quality control time by 95% (saving 100 hours monthly) and SlideSync, which cut slide creation time by 80%.

Design Engineer **Medgyor**, Calicut India March 2022 - December 2023

- Worked in a startup environment, taking on roles in market research, CAD design, and project leadership for initiatives like the Mosque Prayer Time Display, resulting in a successful pilot for 2 regional clients.

Education

Bachelor of Technology - BTech, Mechanical Engineering, National Institute of Technology Calicut 2019 - 2023

Awards

- Hackathon Winner - Patient cohort Creator , a python based tool that works on lrx data to cluster patients based on multiple attribute, even external inputs (indication) or ml based clustering algorithm
- Bronze Award - to recognise the Efficacy gains from QC tool and other automation projects
- Ovation Award – Awarded for outstanding contributions to patient analytics projects at IQVIA.

Leadership Experience

- **Head at I-Ink (RAGAM'23)**, National Institute of Technology Calicut January 2023 - July 2023: Led a team of 10 to plan and execute cultural events, increasing attendance by 20
- **Head at Lecture Committee**, Tathva NIT Calicut February 2021 - June 2022: Coordinated the Lecture Series, inviting 2 Nobel laureates and other renowned speakers.