



VAISAKH G NAIR

DATA ANALYST

CONTACT

Dubai, UAE 00000

Mobile: +971 567442357

vaisakhnair177@gmail.com

WWW: <https://bold.pro/my/vaisakh-gnair-250312193047/706r>

LinkedIn: <https://www.linkedin.com/in/vaisakh-nair-data-anal>

RESEARCH PUBLICATION

- **A Novel Deep Learning Model for Rainfall Prediction in New Delhi Region**
3rd International Conference on Control, Computing, Communication and Materials 2024
- Developed and implemented a deep learning model for predicting key climate metrics using regression models, incorporating three geolocality influences on precipitation, improving prediction accuracy by 25%
- Improved data-driven decision-making within teams by refining climate predictions, resulting in better strategic planning

PROFESSIONAL SUMMARY

1+ year of experience in machine learning, predictive analytics and AI-driven automation. Skilled in Python, SQL, Power BI and cloud deployments (AWS/GCP).

WORK EXPERIENCE

January 2024 - February 2025

Jr. Data Scientist, MediAsha Technologies Pvt. Ltd.,
Pune, India

- Worked with **data scientists** to develop and deploy **predictive models**, contributing to **business insights**
- Optimized **data preprocessing** and **feature engineering**, ensuring high-quality input data for **machine learning models**
- Built **automated data pipelines** in **Python & SQL**, reducing manual data processing efforts by **25%** and improving workflow efficiency
- Optimized the **distribution and inventory management** of **FractoAid**, ensuring its availability where it was needed most

EDUCATION

10/2022 - 07/2024

Master of Computer Applications: AI & DS
Amrita University, Mysore, IND

08/2019 - 03/2022

Bachelor of Science: Information Technology
Mumbai University, Mumbai, IND

SKILLS

- Researcher in deep learning
- Skilled in Utilizing Data Analysis Libraries

CERTIFICATION

January 2025
Deloitte Australia Data
Analytics Job Simulation on
Forage, 01/25

LANGUAGES

English

Advanced (C1)

Hindi

Upper intermediate (B2)

AVAILABILITY

Available for In-Person
Interviews

- Experienced in Python Scripting
- Efficient SQL Querying
- Skilled in PowerBI Data Visualization
- Effective Data Mapping

PROJECTS

Sales Analysis 09/2024

- Conducted **business analysis** and gathered requirements for an **ERP system**, defining critical business needs and designing an optimized **data model** in Power BI Desktop
- Customized **DAX expressions**, fine-tuned filter behavior, and optimized interaction settings to enhance **report performance** and user experience
- Designed and developed **interactive Power BI dashboards** to analyze key business performance metrics, enabling data-driven decision-making

US Visa Approval Prediction 12/2024

- Engineered model trainer and evaluation components, integrating Evidently for model monitoring resulting in a **20%** improvement in model performance tracking and a 15% reduction in model **drift**
- Performed extensive data mining on large datasets spanning multiple time frames, managing **large datasets** to identify trends and patterns relevant to visa approval predictions
- Developed and deployed a real-time data visualization dashboard using VBI to monitor key performance indicators