

Prathik B S

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github.com/prathikbsgowda | Portfolio

Objective

Results-driven Data Scientist with hands-on experience in Python, SQL, Tableau, JavaScript, and front-end development. Specializing in data analysis, visualization, and machine learning, adept at extracting actionable insights from complex datasets and creating interactive data-driven solutions. Seeking a challenging role in a dynamic, data-centric organization to apply my technical expertise and contribute to impactful solutions that enhance operational efficiency and innovation.

Key Skills

Programming: Python, R, SQL, JavaScript
Data Analysis: Pandas, Matplotlib, Seaborn, Tableau
Machine Learning: TensorFlow, Scikit-learn, Classification Algorithms
Web Frameworks: Django
Cloud Services: AWS
Front-End: JavaScript, HTML, CSS

Professional Experience

Data Scientist, Centre for Integrative Omics Data Science (CIODS) Feb 2023 – Present

- Led the development and management of the Phospho Proteome Database, enhancing data processing efficiency by 20%.
- Performed data analysis and visualization with Python, Pandas, Matplotlib, and Tableau, resulting in a 30% increase in data quality and actionable insights.
- Improved predictive modeling for drug resistance using machine learning algorithms, achieving a 15% increase in precision and recall.
- Conducted statistical analyses to refine data collection methods, raising dataset quality by 25% and reducing data inconsistencies.
- Created interactive dashboards in Tableau, accelerating decision-making processes by 25% for stakeholders.
- Developed and implemented machine learning models, automating processes and reducing processing time by 20%.
- Utilized GitHub for version control and collaboration, enhancing project organization and team efficiency, leading to smoother workflow and timely project deliveries.

Data Science Intern, Knowledge Solutions India (Affiliated with Microsoft) Feb 2021 – Apr 2021

- Developed machine learning models for data analysis and prediction tasks, improving accuracy by 15%.
- Conducted exploratory data analysis (EDA) to uncover trends and patterns, facilitating data-driven decision-making.
- Created visualizations using Matplotlib and Seaborn to communicate findings effectively to stakeholders.

Education

Bachelor of Information Science and Engineering, 2019 - 2023
Visvesvaraya Technological University
CGPA: 8.98

Certifications

SQL (Advanced) – HackerRank
Introduction to Data Science in Python – University of Michigan
Tableau Training – Simplilearn

Publications

Elucidating the phosphoregulatory network of predominant phosphosite in AXL kinase: an integrative bioinformatic approach, **Springer** 2024
A global phosphosite-correlated network map of Thousand And One Kinase 1 (TAOK1), **ScienceDirect** 2024
Crop Maturity Detection and Automatic Sprinkler Irrigation using IoT and Machine Learning, **HBRP** 2024