Prathik B S, Data Scientist

+91 9482810657 · prathikbsgowda@gmail.com · www.linkedin.com/in/prathik-b-s-a80b3521a

 Shimoga, Karnataka, India

Motivated and professional Data Scientist proficient in Python, Django, Tableau, and SQL, with strong expertise in database design and administration. Skilled in data visualization and analysis, with a proven ability to extract insights from complex datasets. Demonstrated capability to work both independently and collaboratively in a team environment. Excellent problem-solving skills and a solid foundation in data science principles. Seeking a challenging role in a data-driven organization to leverage my technical skills and contribute to impactful solutions.

Professional Experience

Data Scientist

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

Key Skills

Programming: Python, R, SQL

Data Analysis and Visualization: Tableau, Pandas, Matplotlib

Statistics and Data Analysis

Machine Learning: TensorFlow, Linear Regression, Classification Algorithms

In a role pivotal to navigating the organization's and the industry's unique needs and challenges, contributed to ongoing research and development efforts, ensuring that the organization adhered to regulatory requirements and managed risks effectively

Accomplishments:

- Spearheaded the continued development and management of the Phospho Proteome Database, enhancing data accuracy and accessibility, leading to improved insights and decision-making.

- Conducted comprehensive data analysis, cleaning, and visualization using Python, Pandas, Matplotlib, and Tableau, resulting in actionable insights and compelling presentations.

- Contributed innovative solutions to the Drug Resistance Project through advanced data science techniques, enhancing understanding and potential interventions for drug resistance patterns.

- Applied machine learning algorithms and statistical analysis to improve predictive modeling accuracy in drug resistance, optimizing treatment strategies and outcomes.

- Utilized Tableau and Python to create dynamic and insightful visualizations, including heatmaps and dashboards, facilitating data-driven decision-making processes.

Intern, Data Scientist

Centre for Integrative Omics Data Science (CIODS), February 2023 – August 2023
Accomplishments:

- Continued development and management of the database.
- Conducted data analysis, cleaning, and visualization tasks.
- Contributed to ongoing research and development efforts.
- Developed expertise in Tableau, creating impactful visualizations to convey complex data insights effectively.
- Enhanced skills in machine learning and Python modules like scikit-learn and TensorFlow, enabling the development of predictive models for data analysis.

Education

Bachelor's Degree in Information Science and Engineering
Visvesvaraya Technological University, 2019-2023
CGPA: 8.98

Certifications

- SQL (Advanced) - HackerRank
- Introduction to Data Science in Python Certified (2023) by University of Michigan
- Tableau Training - Simplilearn

References are available on request.

Internship

Knowledge Solutions India (Affiliation with Microsoft), February 2021 - April 2021

Key Skills
Python | TensorFlow| NLP | Scikit-learn | Machine Learning
Accomplishments:

- Developed machine learning models for data analysis and prediction tasks.
- Collaborated with senior data scientists on research projects involving machine learning algorithms.

Publications

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

Declaration: Hereby declared that all the above information is true and based on my knowledge