





ARYANIL DEY

Machine Learning Engineer

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ABOUT ME

A detail-oriented Data Enthusiast with a robust background in biotechnology and advanced analytics. Holding a BSc in Biotechnology and an MSc in Data Science and Analytics, I have successfully worked on numerous projects involving machine learning, statistical analysis, and data visualization. Currently employed at Biodesign Innovation Labs, I specialize in transforming complex data into actionable insights, driving informed decision making, and enhancing business performance. With a strong foundation in data-driven problem solving, I am committed to leveraging my expertise to deliver impactful solutions and contribute to organizational growth.

EDUCATION

Bachelor of Biotechnology, Biochemistry, Genetics 2019-2022 (8.55 CGPA)

- Editor Curio Verb(Departmental magazine)
- Quiz Master

Master of Data Science and Analytics 2022-2024 (8.03 SGPA)

- Innov8 Club Secretary
- Performed in Anveshna(College Fest)

SKILLS

PROGRAMMING LANGUAGES

SAS || R (Programming language) || Python || SQL || Git || HTML

TECHNICAL SKILLS

VsCode || R-studio|| SAS® OnDemand for Academics || Jupyter notebook || MongoDB Compass || Canva || Google Collab || Google Ads || Meta Ads || Excel || Data Visualization(PowerBI) || (Git) DVC || MLFlow || API || Notepad ++

CERTIFICATIONS

- Applied Machine Learning: Foundations
- Deep Learning: Face Recognition
- Machine Learning with Python: Foundations
- SQL for Data Analysis
- Mad About Sports Cricket Analytics Workshop
- Advanced Data Analytics Certificate from Innomatics Research Labs
- SAS® 9.4 Cert Prep: Part 01 SAS Programming Essentials

PROFESSIONAL EXPERIENCE

Machine Learning Engineer Intern
Social+ (Dec- 2023 to Jan- 2024)

- Developed a Tone Classification Model: Successfully designed and implemented a machine learning model to classify the tone of tweets, achieving a high accuracy rate in sentiment analysis.
- Enhanced Data Collection: Utilized Selenium to build efficient web scrapers and APIs, significantly improving the speed and accuracy of data collection processes.
- Collaborated with Cross-Functional Teams: Worked closely with data engineers, data scientists, and software developers to integrate machine learning solutions into existing systems, fostering a collaborative work environment.

Data Analyst
SAL Biosciences Pvt Ltd.
(April- 2024 to September 2024)

- Website Backend Management: Successfully managed the backend of the company website, ensuring seamless integration and functionality of various components, including data pipelines and user interfaces.
- Microservice Management: Oversaw the management of microservices, ensuring robust performance and scalability of the applications supporting the website's operations.
- Developed Subscription Plans: Designed and implemented comprehensive subscription plans for a nutritional project, enhancing user retention and satisfaction through tailored offerings.

Machine Learning Engineer
Biodesign Innovation Labs
(November- 2024 to present)

- Training Machine learning models for the company platform which help in prediction and treatment recommendation.
- Researching on new techniques to better understand the medical data that is used in our industry
- Working closely with the Full-Stack team to help and deploy the application seamlessly.