

## Summary

Highly accomplished Product Manager and Business Analyst bringing an in-depth understanding of data-driven decision making, complemented by robust technical skills in Python, SQL, PowerBI, and Tableau. Possess an MS in Project Management with a strong background in UX Design. Proven track record of leading cross-functional teams, optimizing business processes, and increasing sales, exemplified by a 21% sales uplift at iNeuron. Noted for exceptional contributions to healthcare projects at NTT Data. Expert in crafting and implementing impactful data strategies and solutions that drive product development and business growth.

## Education

**Northeastern University, Jan 2022 – June 2023**

Master of Science in Project Management, Concentration: Business Analysis

**IFHE University, Hyderabad | 2017**

Bachelors in Computer Science

**Swami Ramakrishna Paramhans College, Maharashtra | 2013**

Higher Secondary

## Skills

**Programming Languages:** Python, R, Java, VBA, SQL

**Database Management:** Oracle, SAP, Teradata, MS Access

**Data Visualization:** Power BI, Tableau

**Software & Tools:** MS Excel, MS PowerPoint, Jira, Confluence, Trello, Figma, GitHub

**Additional skills:** Scrum, Agile, A/B Testing

**Product Development & Management:** Requirements Analysis, Needs Assessment, Product Development, Product Management, Requirements Elicitation, Product Prototyping, Risk Management

**Stakeholder Engagement & Project Management:** Stakeholder Analysis, Schedule and Cost Analysis

**Design & User Experience:** Design Thinking, User Journey Map, UX Designing

**Data Analysis & Visualization:** Dashboarding

## Work Experience

**Product Manager/Data Analyst | iNeuron Intelligence Pvt Ltd – Bangalore | Dec 2019-Jul 2021**

- Conducted comprehensive market analysis using primary and secondary research methodologies, uncovering an untapped market segment that led to a 21% increase in sales
- Utilized SPSS and MiniTab software for data collection, cleaning, and analysis, enabling data-driven decision-making processes
- Led research initiatives using focus groups and user journey mapping on 3 different products, resulting in product enhancements that increased sales by 11%
- Fostered a collaborative and inclusive environment as the leader of a 12-member team, implementing agile project management and cross-functional problem-solving approaches
- Identified inefficiencies in data flow processes and led initiatives to optimize them, reducing operational costs by 17% and improving data accuracy
- Actively participated in stakeholder meetings, presenting market research insights and influencing the development of go-to-market strategies
- Oversaw product development from inception to implementation, adopting a customer-centric approach and iterative development process
- Leveraged SQL and Tableau for data management, analysis, and visualization, creating interactive dashboards and reports that reduced manual reporting work by 8 hours weekly
- Utilized data visualization models to track KPIs and present results to leadership, facilitating better decision-making and deeper understanding of product performance

**Senior Associate - Software Development | NTT Data - Noida | Jan 2018-Nov 2019**

- Received 4-star rating and STAR recognition for significant contribution to the healthcare project, TENET, which improved patient care and operational efficiency through real-time data integration
- Developed a real-time data integration module to synchronize patient data from various sources, such as electronic health records (EHRs), diagnostic equipment, and monitoring devices, ensuring seamless flow of information and improved data accuracy
- Collaborated with cross-functional teams to gather requirements and understand integration needs of different healthcare systems; designed and implemented robust data integration architecture using industry-standard protocols and APIs
- Created efficient data processing algorithms to handle real-time data streams, ensuring data integrity; conducted rigorous testing and troubleshooting to identify and resolve integration issues
- Maintained direct communication with clients and healthcare professionals to gather feedback, refine system functionalities, and ensure compliance with regulatory standards, resulting in high levels of customer satisfaction
- Engaged with SQL Queries; troubleshoot, debugged, and upgraded existing software
- Implemented various automated programs that eliminated the need for manual labor; collaborated with other developers to design algorithms and flowcharts

**Android Developer and Machine Learning Engineer - Intern | Reliance Jio - Navi Mumbai | Jan 2017-Jun 2017**

- Developed a Java-based program for the Jiochat app, incorporating machine learning techniques to enhance natural language processing and improve chatbot capabilities; presented the project to the Jiochat CEO, receiving positive feedback
- Program significantly impacted app operations, enabling higher volume of user interactions, maintaining conversational quality, enhancing user engagement, reducing response times, and increasing customer satisfaction

#### **Data Analytics Trainee | Reliance Industries Ltd - Navi Mumbai | May 2015-Jun 2015**

- Assisted in developing HR analytics software that integrated organizational objectives with HR data, streamlining processes and optimizing resource allocation within the company
- Collaborated with the HR team to understand requirements, translated them into software specifications, and designed data models and algorithms to process and analyze HR data
- Developed interactive dashboards and reports to visualize key HR metrics, turnover rates, and resource utilization, enabling data-driven decision-making
- Conducted data analysis to identify patterns and trends, facilitating proactive risk management, and resource planning for HR teams
- Software led to improved turnover management by analyzing rates and factors contributing to employee attrition, helping implement targeted retention strategies and enhancing employee satisfaction

#### **Projects**

##### **Data Analytics Teaching and Mentorship at iNeuron | [Link 1](#) | [Link 2](#) | [Link3](#)**

- Conducted live classes on data analytics during weekends. These sessions were open to all learners, ranging from beginners to experienced professionals.
- Broadcasted these sessions on YouTube Live, expanding the reach to an international audience.
- Offered comprehensive guidance for data analytics projects, helping participants to apply theoretical knowledge to practical applications.
- Held weekly classes lasting approximately two hours, consistently maintaining this schedule to provide reliable learning opportunities for attendees.
- Fostered an inclusive learning environment, inviting not just company members, but individuals from outside the organization to partake in learning.

##### **Product Management — Mobile App Development**

- Led the development process of a company mobile app as the Product Manager.
- Conducted comprehensive market research to identify user needs and preferences.
- Coordinated with cross-functional teams to define app features, functionalities, and UX.
- Managed project timelines, priorities, and effective communication among stakeholders.
- Resulted in a user-friendly app, positively reviewed by users and contributing to increased customer engagement and satisfaction.

##### **Product Management — Website Development**

- Supervised the development of a new company website.
- Collaborated with designers and developers to create a visually appealing and user-friendly website.
- Performed market research and competitor analysis to position our website competitively.
- Implemented web analytics tools to track user behavior and website performance.
- The website project enhanced our online presence, attracted new customers, and fueled business growth.

##### **Product Management — Edtech Platform**

- Managed the development of a comprehensive edtech platform.
- Partnered with engineers, designers, and content creators to address educators' and students' needs.
- Conducted extensive user research and needs assessments to understand and address pain points in the education sector.
- Prioritized user feedback, incorporated iterative improvements for usability and functionality.
- The platform provided valuable resources, improved learning outcomes, and positively impacted the education community.

##### **Data Scientist — Give Life: Predict Blood Donations | [Link](#)**

- Developed a machine learning model to predict future blood donor behavior based on historical data.
- Utilized a dataset from a mobile blood donation vehicle in Taiwan, which drives to different universities and collects blood as part of a blood drive.
- Aimed to anticipate whether a donor will give blood the next time the vehicle visits a campus, improving planning and resource allocation for the Blood Transfusion Service Center.

##### **Data Scientist — Apparel Product Recommendation System | [Link](#)**

- Engineered a content-based recommendation system specifically targeted at e-commerce platforms, using Amazon's product advertising API as the primary data source.
- Applied Natural Language Processing (NLP) techniques to design and implement the recommendation system, utilizing models such as Bag of Words (BoW) and Term Frequency-Inverse Document Frequency (TF-IDF).
- Extended the system with Word2Vec, an NLP method for producing word embeddings, to enhance the quality of recommendations by considering semantic similarities between products.
- Developed the entire system using Python and integrating key libraries for data processing and modeling.

##### **Data Scientist — Face Recognition Project | [Link](#)**

- Created a robust face recognition system using machine learning techniques and computer vision libraries.
- Employed the K-nearest neighbor (KNN) classification algorithm for identifying individual faces, leveraging its efficiency and simplicity in handling multi-class problems.
- Used OpenCV, a widely recognized computer vision library, to process images and identify faces in real-time.
- Integrated HaarCascades Convolutional Neural Network (CNN) model for frontal face detection, improving the accuracy of the system in diverse environments and conditions.
- Developed the entire system using Python, integrating key libraries for machine learning and computer vision tasks.