



Aradhya Sharma *Business Analyst*

📞 8787066858 ✉ aradhya.sharma.stats@gmail.com LinkedIn Medium GitHub
📍 Bengaluru, India

PROFILE

Business Analyst with 2+ years of experience in data diagnostics, dashboard development, and automation across energy and data science domains. Skilled in SQL, Python, R, Tableau, with a strong foundation in statistics and a growing focus on machine learning and AI applications.

PROFESSIONAL EXPERIENCE

Nov 2024 – present	Business Analyst - Revenue & Operations, Yuma Energy • Collaborated on planning mini-clusters for new location rollouts using Python. The data-driven approach supported optimized operational shifts and informed strategic decisions on expansion and resource allocation. • Led efforts to address data consistency and missing value issues that had been affecting revenue reporting. The fixes contributed to a ~7% increase in revenue by enabling more accurate tracking and forecasting. • Identified and resolved inconsistencies in a key business metric that informed high-level decision-making. This intervention restored stakeholder confidence in data accuracy. • Created stakeholder presentations that visualized key performance trends and identified process gaps (with daily, weekly, monthly and quarterly views).	Bengaluru, India
Oct 2023 – Nov 2024	Business Analyst - Business Intelligence, Dhurin Data Sciences • <u>Data Diagnostics for an Indian Housing Finance Company</u> • Engaged with stakeholders to comprehend their business needs and data, delivering insights in a structured format. Developed and maintained extensive drill down Tableau dashboard for sales team providing stakeholders with comprehensive business insights at one glance. • Developed a comprehensive data catalogue and data dictionary detailing key data tables and their columns. • Utilized Python to create Data Quality Reports, providing descriptive analysis of numeric, date, and string variables for key data tables. • <u>Database Construction for an Indian Bank</u> • Combined similar information about all customers from different worksheets into a single data frame using Python, performing data cleaning and validation. Further, connected the cleaned data frame to a MySQL database using Python. • <u>Financial Calculator for a Gold Investment Firm of South Africa</u> • Created an Excel financial calculator serving as an initial customer support and operational system, allowing scenario analysis based on variables such as gold spot price, monthly investment, interest rate, and gold coin types.	Noida, India
Jan 2023 – Mar 2023	Subject Matter Expert (Statistics), Innovalance Learning Systems Pvt. Ltd. • Addressed statistical queries from US students concerning R or Python software. • Oversaw online QA sessions for portals and acquired proficiency in new software tools like MathType. • Contributed to the development of training materials and participated in contextual revisions for textbooks used in the US and Australia.	Noida, India
Mar 2022 – May 2022	ML Engineer Intern, Omdena • Conducted data scraping using BeautifulSoup from designated government websites. • Implemented data cleaning techniques to refine the gathered information. • Preprocessed data and built Tableau dashboards for pertinent data related to youth programs, education, healthcare, etc., for further analysis and utilization. • Served as one of the task leaders focused on gathering pertinent information to facilitate my peers' learning and skill development.	Remote

EDUCATION

Sep 2021 – May 2023	Master in Science (Statistics), University of Delhi Scored 8.2/10 CGPA scale	New Delhi, India
Apr 2018 – May 2021	Bachelor in Science (Statistics Honors), University of Delhi Scored 9.2/10 CGPA scale	New Delhi, India

CERTIFICATES

BITSom Business Analytics & Decision Making with Generative AI (Organiser: BITS School of Management)

SKILLS

Tools

Excel, MS Powerpoint, Python, R, SQL, Tableau, SAS, AWS Athena

Data Analytics

Exploratory Data Analysis, Data Visualization, Big Data handling, Data Wrangling, Data Manipulation

Statistical Methods

Hypothesis Testing, Regression Analysis, Predictive Analysis

ML Algorithms

Random Forest, Decision Trees, K-Means, Logistic Regression, Linear Regression

PROJECTS

Jul 2022	Hotel Cancellation Prediction , <i>Classification and Prediction</i> • Preprocessed Kaggle datasets featuring two distinct types of hotels in Portugal to forecast cancellation rates. • Conducted thorough Exploratory Data Analysis (EDA) on the dataset to gain insights into customer behavior and demographic trends throughout the year. • Trained various ML models and the best cancellation predictor achieved an accuracy of 95%.
Jan 2022	Breast Cancer Prediction , <i>Classification and Statistical Modeling</i> • Leveraged a Kaggle dataset containing diverse variables pertaining to breast masses observed in approximately 500 women from Wisconsin. • Conducted Exploratory Data Analysis (EDA) and built training and evaluation pipelines for various ML models for predicting cancer type (benign or malignant). • Logistic Regression was the algorithm fitting the data better than Random Forest with an accuracy of 86%.

AWARDS

Oct 2024	Rising Star Awarded at Dhurin for strong performance and effective client management as a Business Analyst within the first year.
Apr 2019 – May 2020	Academic Prize Academic Prize winner for scoring 2nd highest GPA during 2nd year of graduation (2019-2020).