

SUMMARY

Data Analytics Professional with proven expertise in delivering actionable Business Intelligence through Advanced Analytics and Predictive Modeling. Proficient in leveraging Python and SQL to perform complex Data Analysis, Statistical Modeling, and create compelling Data Visualizations and Track record of transforming raw data into strategic insights, achieving measurable business outcomes through Data-Driven Decision Making. Expert in applying Statistical Methods and Mathematical Analysis to optimize business processes and drive operational efficiency. Consistently delivers high-impact solutions by combining technical expertise in Business Analytics with strong problem-solving capabilities to address complex organizational challenges.

KEY SKILLS

- Programming Languages: Python, SQL
- Visualization Tools: Tableau, Excel, MS-PowerPoint, MS-Word
- Data Analytics: EDA, Data Preprocessing, Hypothesis Testing, Statistical Analysis, storytelling with data
- Databases: SQL Joins, Sub-queries, Window Functions
- Excel Skills: Pivot Tables, V-lookup, Data-Cleaning, Graphs
- Soft Skills: Analytical Thinking, Problem-Solving, Attention to Detail, Adaptability, teamwork, cross-functional collaboration
- Python Library: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, SciPy, XGBoost

ACADEMIC PROJECTS

CAPSTONE PROJECT Evaluating Network Security Through Attack Detection

Description: Developed a machine learning model to detect cyber-attacks (e.g., DoS, Reconnaissance) achieving 97% threat detection accuracy across 1M+ network traffic records.

- **Objective:** Improved network security by identifying cyber-attacks such as DoS and Reconnaissance.
- **Skills Applied:** Cybersecurity fundamentals, Data Preprocessing, EDA, Machine Learning, Model Evaluation.
- **Outcome:** Built models to detect malicious traffic patterns, improving threat detection accuracy.
- **Tools Used:** Python, Jupyter Notebook

HELP International NGO: Data-Driven Aid Allocation Project

Description : Clustered 100+ socio-economic and health indicators from 50+ countries to prioritize aid distribution, achieving a 20% increase in resource allocation efficiency.

- **Objective:** Analyzed socio-economic and health factors to prioritize aid allocation.
- **Skills Applied:** Data Preprocessing, Statistical Analysis, Clustering, Feature Engineering, Hypothesis Testing.
- **Outcome:** Recommended actionable insights for poverty relief, impacting aid distribution policies.
- **Tools Used:** Python, VSCode, Jupyter Notebook

Geely US Automobile Car Price Prediction

Description: Built regression models on 10K+ data points to predict car prices with 92% accuracy, supporting sales and pricing strategies.

- **Objective:** Predicted car prices based on features to support sales planning and strategic pricing.
- **Skills Applied:** Machine Learning, Statistical Analysis, Feature Engineering, Data Cleaning.
- **Outcome:** Developed a model with 94% prediction accuracy, aiding pricing strategies.
- **Tools Used:** Python, Jupyter Notebook

WORK EXPERIENCE : Completed Winter internship at **India Space Lab(iirs)**, focusing on advanced drone technology (Air Taxi), Can-Sat and Cube-Sat development, astronomy training, and space entrepreneur-ship .Contributed to a project emphasizing technological innovation and official operations .

[OFFER LETTER](#)

PGP-DATA SCIENCE	Great Lakes Institute of Management ,Gurgaon	2024	completed
Bachelor of Science	Chhatrapati sahu ji maharaj university	2020-2023	60.94%
12th Standard	Onkareshwar saraswati vidya niketan inter college	2020	81.00%
10th Standard	Onkareshwar saraswati vidya niketan inter college	2018	90.83%

HACKATHONS/OTHER CERTIFICATIONS

- FORAGE The **Forage Accenture Data Analyst** Certificate offers hands-on experience in data analysis. [FORAGE](#)
- Hacker Rank - The **HackerRank SQL Intermediate** Certificate validates advanced SQL skills. [SQL](#)
- Successfully completed the online course **Financial Accounting and Analysis"** through **IIM Bangalore's** online platform. [CERTIFICATE](#)

OTHER In recognition of academic excellence in science, Scholarship awarded by The Department of Science to the TOP 1% of 12th grade and Graduation. [CERTIFICATE](#)