Rasesh Bhalala

Pune Maharashtra
Master of Science (Data Science)
Symbiosis Skills and Professional University

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OBJECTIVE

Motivated MSc Data Science student with a strong foundation in statistics, machine learning, and data visualization. Experienced in predictive modeling, advanced analytics, and transforming complex data into actionable insights. Passionate about leveraging data-driven strategies to address real-world challenges, enhance decision-making, and drive innovation across industries. Dedicated to continuous learning and applying cutting-edge data science techniques to deliver meaningful impact.

EXPERIENCE

Data Analyst (Intern)

Nihilent Technologies   *June 2024 - Aug 2024*

- Designed and implemented a scalable, automated ETL solution to replace a manual, analyst-dependent process, significantly improving data processing efficiency.

- Researched, evaluated, and recommended the most suitable ETL tools based on business requirements, driving informed decision-making.

- Developed a functional prototype using AWS Glue to streamline data ingestion, transformation, and integration, enabling seamless handling of large datasets and diverse file formats.

- Optimized data pipelines, achieving a 40 per.reduction in processing time and enhancing system scalability.

- Collaborated with cross-functional teams to resolve technical challenges and ensure successful project delivery within tight deadlines.

Personal Projects

Customer Segmentation for E-commerce Retail : Developed a customer segmentation model using clustering algorithm (K-Means Clustering) to analyze purchasing behavior.

- Utilized RFM (Recency, Frequency, Monetary) analysis to identify high-value customers and optimize marketing strategies.

- Processed and analyzed transactional data using Python (pandas, numpy, scikit-learn) and SQL for insights into customer behavior.

- Segment customers based on their purchasing behavior to help businesses optimize marketing strategies, loyalty programs, and product recommendations.

Health Management Analysis : A dashboard was created for the client using their data, and Microsoft PowerBI and Oracle SQL were utilized.

- Read the user story and understand the client requirement Get Data from Client.

- Identified and resolved database issues, including performance bottlenecks, data inconsistencies, and errors.

- Used inner join, outer join, cross join, Sub Queries, Case etc., pivot and unpivot while writing the complex SQL Queries

CERTIFICATION

- Python Programming

- Procedural Language Extensions to SQL - TOPS TECH

Technical Skills and Interests

- **Languages**: Python, SQL, Java
- **Libraries**: Python Libraries, Java Libraries
- **Tools**: Power BI, Jupyter Notebook, VS Code
- **AI & Data Science Skills**: Machine Learning, Deep Learning, Artificial Intelligence
- **Relevant Coursework**: Statistical Analysis, Machine Learning & AI, Data Visualization, Big Data Analytics, Deep Learning, Database Management Systems(DBMS)
- **Areas of Interest**: Data Science & Analytics, Cloud-based Data Platforms (AWS, Azure, GCP), Big Data Engineering, Demand Forecasting & Inventory Optimization
- **Soft Skills**: Problem Solving, Self-learning, Presentation, Adaptability

Education

- **Master of Science (Data Science)**   *Expected 2025*
  Symbiosis Skills and Professional University   CGPA: 8.9

- **Bachelor of Computer Applications**   *2020- 2023*
  Marwadi University   CGPA: 9.13

Positions of Responsibility

- Placement Coordinator (MSc Data Science)
- Volunteer In India Skills (Team-Leader)