Chitvan Nagaich

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Summary

Business and Data Analytics Professional with proven expertise in data analysis, business strategy, and leveraging technology to drive growth. Proficient in **SQL, Python, Power BI, Tableau, AWS Athena**, and **Apache Kafka**, **Cloud VM** Skilled in transforming complex data into strategic solutions that accelerate business performance and innovation.

Education

Master's in Business Analytics, GPA 3.59

W.P Carey School of Business at Arizona State University, Tempe, AZ — August 2024 - May 2025

- **Relevant coursework**: Statistics and Probability, Database Management, Visualization, Advanced Excel Spreadsheet, Business Intelligence, SQL, Descriptive & Predictive Analytics, Lean Six Sigma techniques, Analytical Business Modeling

Bachelor of Engineering, Information Technology, GPA 3.7

University of Mumbai, Mumbai, India — June 2020 - July 2024

- **Relevant coursework**: Object-Oriented Programming (Python), Web Development (HTML, CSS, Tailwind), Artificial Intelligence and Machine Learning, Enterprise System Design and Management

Professional Experience

Assistant Business Analyst, Makalu Life, Dubai, United Arab Emirates (Remote) — November 2023 - January 2024

- Analyzed sales data trends through weekly and monthly reports, achieving a reduction of **reporting errors by 10%**, which resulted in enhanced accuracy for decision-making based on real-time insights.
- Contributed to entrepreneurial initiatives by developing metric-oriented strategies for brand development, **increasing brand visibility by 20%** through targeted marketing campaigns and improving overall business performance.
- Leveraged consumer insights to **drive a 15% sales growth** within the next quarter**, resulting in a 25% increase in customer engagement** and enhanced market positioning.

Artificial Intelligence Intern, V-line InfoTech, Mumbai, India — January 2023 - April 2023

- Led creation of AI-driven solutions by cleaning **500GB** of raw data and training machine learning models with **93% accuracy** ensuring quality and **improving predictive performance by 30%**.
- Collaborated with five functional teams to model costs and optimize algorithms, resulting in a **15% increase in machine learning model accuracy and a 20% improvement in efficiency.**
- Spearheaded the AI deployment by changing models through precision and F1 score evaluations, **revising accuracy by 15% and enhancing decision-making efficiency by 25%.**

Projects & Developments

Developer, Landslide Prediction, Disaster Management System. — July 2023 - August 2024

- Built a machine Learning model using advanced image segmentation techniques to achieve **79.91% precision and a 69.94% F1-score**, improving predictive capabilities for risk management and disaster preparedness in environmental engineering.
- Accomplished a **25% increase in accuracy, a 30% reduction in processing time**, by conducting a benchmark analysis using advanced machine learning techniques and image segmentation.

Analyst, COVID Analysis Pipeline, Data Engineering and Insightful Visualization. — September 2024 - November 2024

- Built a COVID analysis pipeline using **AWS Glue, Crawler and AWS Athena**, automating the extraction and transformation of datasets totaling over **50 GB**. Optimized SQL queries, **reducing data processing time by 30% and ensuring 99% accuracy in processed data**.
- **Created 10+ interactive Power BI dashboards** to analyze trends like infection rates, recoveries, and vaccinations. Provided actionable insights that supported decisions leading to a 20% improvement in response efficiency and resource allocation.

Analyst, Consumer Insights Analysis: Data Preprocessing, EDA, Driving Profit Growth. — October 2024 - November 2024

- Analyzed 11,000 buyers and **100,000+ rows of data** using Tableau and Power BI, uncovering 5+ key consumer trends across demographics. Used insights to refine product strategies, driving a **15% profit** increase and **a 25% boost in conversion rates** by targeting 3 key customer segments.

Skills & Activities

Technical Skills: MySQL, Kafka, AWS Athena, Python, Microsoft Excel, Minitab, Power BI, Tableau, Google Cloud VM.
Data Analysis, Management & Visualization, Artificial Intelligence, Data engineering, Pipeline building.
Soft Skills: Leadership, Communication, Emotional Agility, Collaboration across Boundaries, Growth Mindset, Cultural Sensitivity
Languages: English (Proficient), Hindi (Native)