

Samruddhi Ram Chaudhari

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Relevant Skills: SQL | Tableau | Python | Data Analytics | Business Strategies | Data Visualisation | Database Management

EDUCATION

Santa Clara University, Leavey School of Business
Masters of Science in Information Systems GPA: 3.5

Santa Clara, California
Jun 2025

- Data Analytics (Python)
- Database Management Systems
- System Analysis and Design
- Big Data Modelling and Analytics
- Policy and Strategy

Savitribai Phule Pune University
Bachelor of Engineering in Computer Engineering GPA: 3.77
Honors in Data Science

Pune, India
Jun 2023

Savitribai Phule Pune University
Diploma of Financial Technologies GPA: 3.68

Pune, India
Aug 2022

TECHNICAL SKILLS

Programming Languages: MySQL, C++, Java, Python, HTML, CSS, NoSQL, PostgreSQL, Pyspark
Tools and libraries: NumPy, Pandas, Seaborn, Scikit-learn, Microsoft Office (365), Google Analytics, Tableau, Power BI, JIRA, SalesforceCRM, ServiceNow
Non-technical skills: Data Analytics, Database Management, Data Modelling, Problem Solving, Statistical Analysis, Business Insights, Data Visualisation, System Design and Analysis, Machine Learning, MapReduce
Certification: Databases and SQL for Data Science with Python (IBM), Advanced Google Analytics

EXPERIENCE

Business Analyst Intern | Bizinc Jul 2024-Sep 2024 | Georgia

- Extracted and analysed comprehensive data from the Booksy website, developing an insightful dashboard on customer demographics, to optimise target audience engagement for beauty professionals in the Atlanta region.
- Enhanced brand reach by 17% through the strategic redesign of the business portal, driving increased user engagement.
- Elevated CTR by 25% and impressions by 35% through the launch of new features for the business portal, significantly enhancing engagement and visibility across social media platforms.
- Designed and delivered a compelling *investor pitch deck*, effectively communicating key business metrics and growth strategies to attract potential investors.

Business Analytics Intern | Box, Inc. Jan 2024-May 2024 | California
Practicum project; part of MSIS curriculum

- Structured and triaged business objectives into actionable tasks, leveraging SQL for data extraction and Python libraries for data processing.
- Collaborated with cross-functional teams to extract and analyse sales call data on granular level, generating business insights through advanced NLP techniques and machine learning models (LLMs, Langchain).
- Delivered strategic insights to the sales and marketing teams, driving improvements in product positioning and customer acquisition.

Software Developer Intern | Commous, Inc. Jul 2021-Dec 2021 | India

- Leveraged diverse database technologies, including relational and NoSQL types, to ensure seamless data storage and retrieval for the Community Website project.
- Improved website performance by optimising data storage and retrieval systems, increasing user acquisition by 13% YoY.
- Led the design and implementation of database systems for a community website project, enhancing user engagement by 44%.
- Developed comprehensive documentation, including a data dictionary for internal use, ensuring consistency across cross-functional data management.
- Proficiently addressed and troubleshooted system issues, utilising expertise in web development tools such as HTML and CSS.

ACADEMIC PROJECTS

Airbnb prediction model Jan 2024-Mar 2024

- Built a predictive model achieving 77% accuracy, leveraging metrics such as MSE, Precision, Accuracy, and ROC_AUC score.
- Implemented advanced algorithms including XGBoost, Random Forest, and Artificial Neural Networks (ANNs).
- Applied techniques like feature selection and hyper-parameter tuning for model optimisation.
- Developed a recommendation system using TF-IDF to identify and display the top 5 listings.

Netflix Database Design Jan 2024-Mar 2024

- Designed a customised database tailored to Netflix's business model, integrating cardinality, ER diagrams, and normalisation for optimal data organisation.
- Built a scalable infrastructure to support Netflix's vast content library and growing user base, ensuring seamless global data access.
- Applied advanced partitioning and indexing techniques to improve query performance, reduce latency, and enhance user experience.

Hospital Data Analytics: Enhancing Patient Services Sep 2023-Dec 2023

- Boosted efficiency by 15% through meticulous data cleaning and preparation of an extensive dataset comprising over 80,000 patient records using NumPy, Pandas, and Seaborn.
- Conducted comprehensive data analysis and visualisation, uncovering intricate mortality patterns and identifying previously unknown risk factors in severely ill populations.
- Delivered actionable insights that refined patient care strategies and optimised healthcare interventions, leading to a significant 64% improvement in patient outcomes.

LEADERSHIP SKILLS

Interests: Indian Classical dancer with “Visharad Poorna”(Bachelor of Performing Arts)
Leadership Experience: Team lead and Production Manager for Padma Art Circle (theatre group specialising dramas, ad films, short films).

- Orchestrated and directed teams of 20 and 37 individuals for distinct inter-collegiate events.
- Presented a compelling proposal to expand the event scope and resources to the authorities, resulting in a 42% Year-over-Year increase in allocated funds for its execution.
- Dedicated member of SCU Product and AI Club.