

# Aditya Chache

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## EDUCATION

**California State University, East Bay**

Aug 2024 - May 2026

*M.S. Business Analytics*

*Hayward, USA*

**University of Mumbai**

Aug 2018 - May 2022

*B.E. Computer Engineering*

*Mumbai, India*

## WORK EXPERIENCE

**Assistant Manager (Software Development)**

Sep 2022 - Jun 2024

*Jio Platforms Limited*

*Navi Mumbai, India*

- Designed and developed RESTful APIs for the migration of Enterprise Product Catalog and Order Care systems from Ericsson Conceptwave to open-source technologies, improving system flexibility and reducing costs.
- Optimized deployment processes by developing dynamic IP and Port configuration, **reducing deployment time by 50%**.
- Developed an ETL pipeline for migrating SQL database to MongoDB using Apache NiFi, ensuring scalability and metadata alignment for better data visualization and **reducing query processing time by 40%**.
- Managed project timelines, defined objectives using Microsoft Azure Boards, and allocated resources effectively, which led to a **20% reduction in project delivery time** and improved team productivity.
- Utilized Power BI and Tableau to generate reports and data visualizations that provided actionable insights for stakeholders.

## PROJECTS

*All projects can be found on my portfolio*

**Customer Churn Analysis** | *Python, Pandas, Machine Learning, Matplotlib* — ***Link to Project***

- Performed EDA to identify key trends and patterns, visualizing customer behavior over time to understand the factors contributing to churn.
- Built classification models such as Logistic Regression, Decision Tree, Random Forest, etc to predict churn. Evaluated models using precision, recall, F1-score, and AUC-ROC.

**Market Street Wine** | *Python, Pandas, Tableau* — ***Link to Project***

- Conducted a case study on wine trends for Market Street Wine, exploring customer preferences locally in Charlottesville and globally by examining wine categories based on price, style, and region.
- Presented actionable recommendations to store owners on product selection and current trends to aid in informed purchasing decisions.

**Stock Spectrum** | *Python, Machine Learning, Tableau, Streamlit, Google Gemini* — ***Link to Project***

- An AI-assisted financial analysis tool leveraging historical stock data, Yahoo Finance API, and Google Gemini LLM to provide predictive insights and interactive Tableau visualizations for non-experts.
- Built and deployed a Streamlit web application integrating machine learning models (Linear Regression, Random Forest) for stock price prediction, achieving intuitive user interaction and seamless data analysis workflows.

**Product Recommendation System** | *Streamlit, Apriori Algorithm, Clustering, Python* — ***Link to Project***

- Designed a Recommendation Engine using Association Rules from the Apriori Algorithm to suggest frequently bought-together products, enhancing customer purchase decisions.
- Implemented Product Clustering to group similar products, enabling personalized recommendations and improving user experience within the interactive web application.

## ACTIVITIES AND LEADERSHIP

**Technical Head**

Oct 2024 - Current

*UpClub - CSU East Bay*

- Gathered, maintained and analyzed data to optimize event planning strategies.

## SKILLS

**Technical Skills:** Python, SQL, MongoDB, Excel, PowerBI, JavaScript, Apache Airflow, AWS, Tableau, Tensorflow 2.0, Node.js, HTML/CSS, Git, Snowflake, Streamlit

**Course Work:** Data Mining, Data Analysis, Data Engineering, Statistical Analysis, Data Visualization, Project Management