

## EDUCATION

**Master of Science in Business Analytics**, Rady School of Management (GPA: 3.8/4) 12/2025  
University of California, San Diego, CA

- Relevant Courses (Web Recommender Systems, Scalable Analytics, Business Intelligence Systems, Customer Analytics).

**Bachelor of Technology, Computer Engineering, Honors in Intelligent Computing** (GPA: 3.9/4) 06/2024  
Mumbai University, Mumbai, India

## EXPERIENCE

**Analyst Intern**, IndusInd Bank, Mumbai, India 07/2023 - 08/2023

- Conducted statistical analysis and developed Python scripts to identify optimal buy/sell trigger points for financial products, improving trigger accuracy by 2% through algorithm optimization.
- Analyzed historical market data using SQL to evaluate risk exposure, optimize trading strategies, and enhance overall portfolio performance for the global markets team.
- Performed market research leveraging regression modeling and time series analysis, increasing risk assessment accuracy by 13% and driving revenue growth through data-driven trading decisions.

**Analytics Intern**, JM Financial Credit Solutions Private Limited, Mumbai, India 04/2022 - 07/2022

- Queried and processed real estate data using SQL to extract key insights, then built interactive Tableau dashboards to visualize property valuations, rental yields, and market trends for a \$50M+ real estate portfolio.
- Developed an ETL pipeline to extract, transform, and load real estate market data from financial databases into SQL-based data warehouses, optimizing data accessibility for analytics and reporting.
- Automated financial reporting in Tableau by creating dynamic templates with scheduled data refreshes, reducing manual analysis time by 30% and strengthened investment decision-making.

**Business Analyst Intern**, DesignAR (Now Intent), Mumbai, India 01/2022 - 03/2022

- Engaged with key industry stakeholders through events and conferences, delivering strategic presentations to enhance network expansion, automated reach-out notifications, & increased ease of expanding the network.
- Assessed sales data to track success rates of various marketing campaigns and developed key performance indicators (KPIs) to evaluate and optimize pricing strategies, leading to a 9% increase in client conversions.
- Implemented a CRM system to streamline client communication and project management, attaining a 26% reduction in response times and improved client satisfaction.

## PROJECTS

**Transfer Pricing Analysis for San Diego FC** 12/2024 – 12/2024

- Built 5 Tableau dashboards to analyze player performance and market trends, supporting a \$250M transfer strategy and improving decision accuracy by 15%.
- Generated tools for player shortlisting, valuation tracking, and multi-criteria comparisons, enabling data-driven recruitment decisions. Analyzed Young talent potential and streamlined future player scouting process.

**Customer Churn Prediction Pipeline with Azure** 06/2024 - 07/2024

- Developed a customer churn prediction pipeline using Azure Data Factory (ADF) for ETL, automating data ingestion, transformation, and storage from Azure Blob Storage to Azure SQL Database.
- Implemented machine learning models (Logistic Regression, Random Forest, XGBoost) in Python, performing feature engineering and evaluating model performance using accuracy, precision, recall, and AUC-ROC.
- Designed interactive Power BI dashboards to visualize churn trends, model predictions, and customer behavior insights, empowering stakeholders with data-driven decision-making.

**Cryptocurrency Price Prediction, Mumbai University** 05/2024 - 05/2024

- Collected and preprocessed historical cryptocurrency data, enhancing model accuracy through feature engineering with technical indicators such as RSI, MACD, and ADX.
- Formulated and honed Machine Learning models to predict cryptocurrency prices, attaining 99.81% accuracy, with Gradient Boost showing the best performance (MSE: 54.5) after hyperparameter tuning.

## SPECIALIZED SKILLS

- Programming & Databases:** Python, SQL, R, Java, C, Azure SQL Database, PostgreSQL, MySQL, SAS
- Big Data & ML:** AWS, Azure Data Factory, Spark, Hadoop, Hive, Snowflake, Machine Learning, Predictive Analytics, A/B Testing, NLP
- Data Visualization & Reporting:** Power BI, Tableau, Excel (Pivot Tables, Power Query), Salesforce, Microsoft Office Suite, CRM

## PROFESSIONAL AFFILIATIONS & LEADERSHIP

- Teaching Assistant, PHYS 1A (UCSD):** Assisted faculty in refining lab materials and quizzes using data-driven feedback, conducted office hours to support analytical problem-solving, and mentored students in troubleshooting challenges to enhance learning outcomes.
- Vice Chairperson, DJSCE Trinity:** Led a 200-member team, organized multifarious intra-college sports events and achieved a record-breaking attendance of ~5,000 participants.
- Vice Chairperson, DJSCE ACM:** Led outreach and engagement efforts leveraging data to improve attendance by 35%.