

# Ruchira Lokhande

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## EDUCATION

### University of California, Davis

San Francisco, CA

#### Master of Science, Business Analytics (3.6/4.0)

August 2024 - August 2025

- MSBA Fellowship Scholar | Beta Gamma Sigma Honor Society (Top 10% of Class)
- **Relevant Coursework:** Machine Learning, Advanced Statistics and Forecasting, Big Data Analytics, Data Management, Analytical Decision Making, Data Design and Representation, Data Engineering.

### Symbiosis Institute of Technology

Pune, India

#### Bachelor of Technology, Information Technology (3.6/4.0)

July 2019 - June 2023

- **Honors:** Machine Learning and Artificial Intelligence
- **Relevant Coursework:** Database Management Systems, Project Management, Big Data (Hadoop & Apache Spark), Agile Software Development, Search Engine Optimization, Deep Learning, Neural Networks.

## SKILLS

**Core Competencies:** Requirements Gathering, Stakeholder Management, Data Storytelling, Business Acumen, KPI Tracking, Statistical Modeling, Predictive Analytics, Experimental Design & A/B Testing.

**Languages & Databases:** Python (Pandas, NumPy, Scikit-learn), SQL, R Studio, Snowflake, Google BigQuery.

**Platforms & Tools:** Tableau, Power BI, Looker, dbt (Data Build Tool), Streamlit, Google Cloud Platform (GCP), Amazon Web Services (AWS), Git/GitHub, Informatica.

## EXPERIENCE

### De Fonte Law

San Francisco, CA

#### Business Analyst (Practicum)

September 2024 – June 2025

- Served as Project Manager directing cross-functional project workflows, leading weekly stakeholder meetings with 4 team members, and delivering a strategic roadmap that influenced a 30% increase in marketing visibility.
- Performed a root-cause analysis on 5+ years of CRM data using Python to identify 3 critical workflow bottlenecks, delivering a process re-engineering plan projected to increase operational efficiency by 10%.
- Translated business requirements into a suite of interactive Tableau dashboards, automating 80+ hours of monthly manual reporting and providing the firm's founder with on-demand KPI tracking across operational metrics.

### Deloitte USI

Bangalore, India

#### Analyst, Strategy & Analytics

January 2024 – May 2024

- Engineered a reusable ETL pipeline with Informatica to transform and load data into Snowflake using advanced SQL, automating the integration of 3 disparate data sources and reducing data aggregation time by 95%.
- Developed an automated Python (Pandas) script to cleanse and validate a 20,000-record, 15-field workforce dataset, achieving 100% data integrity for downstream predictive modeling exercises.

### AI4M Technology Pvt. Ltd.

Pune, India

#### Business Analyst Intern

January 2023 – July 2023

- Managed the end-to-end lifecycle of 4 AI initiatives as the primary client liaison, overseeing the process from requirements gathering and authoring specifications (FRS) to final UAT, accelerating delivery by 20%.
- Led requirements gathering sessions with 4 manufacturing clients to design and prototype 4 real-time KPI dashboards in Figma, defining 20+ operational metrics and visual specifications that reduced development rework by 25%.
- Partnered with the data science team on a computer vision solution that improved defect detection accuracy by 10%, translating complex model outputs into actionable insights for client stakeholders to resolve production bottlenecks.

## PROJECTS

### ViewTube | YouTube Analytics Dashboard | [github.com/Ruchirarl/ViewTube.git](https://github.com/Ruchirarl/ViewTube.git)

- Developed an end-to-end analytics application using Python and Streamlit that automated a 200-video workflow, from API ingestion to a 1-click executive report, reducing manual analysis time by over 80%.
- Generated actionable insights by analyzing keyword lift, sentiment, and optimal publishing windows, which improved projected views per day by 20-30% and standardized key performance indicators for strategic planning.

### ESynapse | Real-Time E-commerce Analytics Pipeline | [github.com/Ruchirarl/ESynapse.git](https://github.com/Ruchirarl/ESynapse.git)

- Architected a real-time GCP data pipeline using Python, Pub/Sub, and BigQuery, automating hourly data transformations for 5+ analytical models with dbt.
- Informed Go-to-Market (GTM) strategy by defining 8+ business KPIs with advanced SQL in dbt and delivering a 30-day sales forecast using BigQuery ML, providing predictive insights via a live Tableau dashboard.

### EquiTrack | Python-based Portfolio Risk & Return Analyzer | [github.com/Ruchirarl/EquiTrack.git](https://github.com/Ruchirarl/EquiTrack.git)

- Engineered an end-to-end analytics pipeline using Python and dbt, automating the daily transformation of raw financial data into 7 tested analytical models and delivering 18 key metrics like Sharpe Ratio and Volatility.
- Modeled next-day stock returns with scikit-learn by engineering 9 predictive features and visualized historical market insights in a live 12-chart Tableau dashboard for strategic analysis.

## CERTIFICATIONS

Tableau Certified Desktop Specialist | AWS Certified Cloud Practitioner | Software Processes and Agile Practices (Coursera) | Goldman Sachs Risk Job Simulation (Forage).