RISHITA MANTRI

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Data Analyst and AI builder with a Duke Fuqua MS in Quantitative Management and a Computer Engineering foundation. Currently building AI agents at a startup that turn raw financial data into trusted, decision-ready dashboards. Previously built an NLP pipeline on 30K+ fan conversations and a six-persona segmentation for the New York Yankees. Comfortable owning a problem end to end, from messy data to a clear recommendation. Authorized to work in the U.S. for up to 3 years on F-1 STEM OPT.

EDUCATION

Duke University, The Fuqua School of Business — Durham, NC
MS in Quantitative Management: Business Analytics, Marketing Track (STEM) — May 2026
Coursework: Data Science, Decision Analytics, Data Visualization, Customer Relationship Management, Pricing Analytics, Market Research

NMIMS University — Mumbai, India
Bachelor of Technology, Computer Engineering — May 2025
Extracurriculars: Joint Secretary of Student Council; Teacher Volunteer (Community Service); Research Assistant

WORK EXPERIENCE

STORIED DATA — Newark, NJ
AI & Analytics Intern — Aug 2026 – Present
- Built a Python (pandas) engine that turns any structured financial file (P&L, invoices, bank statements; 8+ types) into a KPI dashboard with no setup, designed to cut manual number-crunching
- Engineered every KPI to be defensible: calculated in code, checked against errors like double-counted totals, and traced to its source cells, with identical results on repeat runs so finance teams can trust and explain the output
- Adding an AI layer that sees only a column profile, never raw rows, to pick KPIs and ask clarifying questions, with no prompts needed

NEW YORK YANKEES — New York, NY
Data Scientist (Graduate Practicum) — Mar 2026 – May 2026
- Uncovered platform-specific sentiment gaps (Instagram, Reddit, Twitter) by building a cross-platform NLP pipeline (RoBERTa, Cardiff NLP) on 30K+ fan conversations, informing where the brand needed distinct content strategies
- Built a fan segmentation framework (six personas) that identified a high-risk content category and game-day windows with 6x higher engagement, directly shaping platform-specific recommendations
- Presented findings and a platform-specific content strategy to senior stakeholders to reduce brand risk and increase fan engagement

CIDRUS TECHNOLOGIES — Bangalore, India
Project Manager — Nov 2024 – May 2025
- Kept 5+ cross-functional projects on schedule and within budget by tracking timelines, managing dependencies and flagging risks early
- Cut issue resolution time by 35% for an AI-powered stylist system by analyzing recurring usage and failure patterns, then partnering with design and engineering teams to redesign the interface around the most common friction points
- Increased app-based submissions from 65% to 80% by redesigning the request-intake workflow within a society management app, reducing manual handling and back-and-forth for administrators

ANIRUDDHA TELEMETRY SYSTEMS — Mumbai, India
Business Analyst — May 2024 – Oct 2024
- Built 6+ Tableau and Excel dashboards on fleet utilization, idle time and fuel use across 300+ GPS- and IoT-enabled vehicles, showing clients where operations were underperforming and where fuel and idle time were being lost
- Found fuel wasted during idling and vehicle-level utilization gaps that fleet averages hid, by cleaning and reviewing 10k+ daily telemetry events, pointing clients to cost-saving and route-efficiency opportunities across their fleets

NEELA FILM PRODUCTIONS — Mumbai, India
Customer Marketing Analyst — May 2023 – Oct 2023
- Identified new product and marketing opportunities by mapping user journeys and defining 10+ KPIs across 20K+ monthly sessions
- Lifted landing-page conversion 12% by tracking micro-conversions across 15+ pages and driving A/B testing with cross-functional teams

TECHNICAL SKILLS

Analytics and Visualization: SQL, Tableau, Power BI, Advanced Excel, Google Analytics, Looker
Data and Programming: Python (Pandas, NumPy, Scikit-learn), Snowflake, Databricks, AWS (S3), Predictive Modeling, Deep Learning
Business and Product: A/B Testing, Trend Analysis, Funnel Analysis, Process Improvement, Customer Segmentation, Cohort Analysis
AI and Automation: AI Agents, LLMs, Claude Code, Workflow Automation, AI-Assisted Analytics, Cursor

SELECTED PROJECTS

Buyer Churn & Retention Analytics (Oct 2025) (Python, Pandas, Scikit-learn): Built classification models on 77K+ users to flag churn risk, finding that 97% of the highest-risk cohort was already unrecoverable and redirecting retention strategy toward earlier, targeted intervention
Global Portfolio Revenue Analysis (Feb 2026) (Tableau, Excel): Built executive-facing Tableau dashboards analyzing $112.3M in gross profit (55.93% margin) across a 66-store global portfolio, revealing that the top 3 categories drove 67% of revenue and flagging 17 at-risk stores accounting for 20.93% of six-month revenue, to guide capital allocation and expansion decisions for C-suite leadership