

Data Science leader with 3+ years of experience delivering production-grade AI systems at scale. Specialized in building and leading high performing data science teams, architecting robust MLOps and LLMOps pipelines, and translating GenAI, predictive modeling, and intelligent agents into multi-crore business impact. Strong at uncovering patterns and actionable insights from complex data and converting them into executive-ready dashboards that drive business decisions. Known for end-to-end ownership of AI initiatives — from problem formulation and data strategy to deployment, monitoring, and enterprise adoption.

SKILLS / CORE COMPETENCIES

AI & Generative AI	LLMOps, LangChain, Ollama, AI Chatbots, Agentic Systems, Prompt Engineering
Machine Learning	TensorFlow, PyTorch, Scikit-Learn, Survival Analysis, Statistical Analysis, Hypothesis Testing
MLOps & Frameworks	MLFlow, DVC, Docker, Flask, Django, Model Deployment, Production AI Pipelines
Big Data & Database	PySpark, Hadoop, MongoDB, PostgreSQL, MySQL, Cassandra, ETL/ELT
Cloud & Infrastructure	AWS (EC2, Infrastructure Ownership), GCP (Google Cloud Platform)
Languages & DevTools	Python, R, Scala, SQL, Git, Shell Scripting
Visualization & BI	Tableau, Power BI, Metabase, Advanced Excel (Strategic Charts & Dashboards)
Core Frameworks	Mathematical Optimization, Product Intelligence, Market Suitability, Problem Solving, A/B Testing

PROFESSIONAL EXPERIENCE

Senior Data Analyst **Sep 2022 — Present**
ASBL *Hyderabad, Telangana*

- **AI Leadership, Strategy & Ownership**
 - Built and scaled the data science function from the ground up, hiring and mentoring a high-performing team while enforcing best practices across modeling, MLOps, and LLMOps.
 - Acted as end-to-end AI owner across Sales, Marketing, Product, and Operations, ensuring production readiness, on-time delivery, and measurable business outcomes.
 - Established modern MLOps and LLMOps workflows, aligning the organization with production-grade AI practice.
- **Revenue-Critical AI Systems**
 - Designed inventory demand prediction models to optimize project launch timing and inventory release strategies.
 - Built lead ranking and prospect scoring systems to prioritize high-intent customers and improve sales efficiency.
 - Drove approximately Rs 200+ crore in revenue impact by accelerating sales cycles and improving lead-to-conversion quality.
- **GenAI, LLMs & Agentic Systems**
 - Developed and deployed an LLM-powered customer support chatbot, reducing response times by 40%.
 - Built AI agents for market suitability analysis to assess whether regions can sustain high-rise gated communities.
 - Developed a pincode intelligence agent to identify high-potential geographies by matching customer demographics (salary, age, profile similarity) across Countries, significantly improving ad-spend efficiency.
- **Real-Time AI & Automation**
 - Built a real-time WhatsApp spam classification system that detected and automatically removed spam messages, keeping sales and customer communication channels clean.
 - Improved trust, engagement, and downstream sales outcomes by maintaining high-quality customer interactions.
- **Data Platforms & Dashboard**
 - Owned AWS account management and AI infrastructure decisions, including secure MongoDB deployment on EC2.
 - Owned ETL/ELT pipelines and wrote complex SQL powering analytics and executive dashboards.
 - Built executive dashboards using Metabase. Working knowledge of Tableau & Power BI (fast learner when required).

Data Science Intern **Jun 2022 — Sep 2022**
Dynamind Solutions *Mumbai, Maharashtra*

- **Product Intelligence & System Optimization**
 - Engineered a recommendation engine using collaborative and content-based filtering, driving a 45% increase in user engagement.
 - Automated a mentor-mentee matchmaking system, eliminating manual workflows and saving 15+ hours of operational overhead.
 - Conducted Exploratory Data Analysis (EDA) and built interactive dashboards using Python, Tableau, and Advanced Excel.

EDUCATION AND CERTIFICATIONS

Bachelor of Computer Applications, *Goa University*

Jun 2018 — Sep 2021

Higher Secondary School (Science), *S.S. Samiti Higher Secondary School, Goa Board*

Jun 2016 — Apr 2018

Advanced Data Science Specialization, *IBM (Coursera)*

NoSQL, Big Data, and Spark Foundations, *IBM (Coursera)*

PERSONAL PROJECTS

AdenoDetect Pro: Adenocarcinoma Classification with MLOps

[Link](#)

- Developed an end-to-end MLOps pipeline for medical imaging, utilizing **Transfer Learning (VGG16)** to achieve high-accuracy adenocarcinoma classification.
- Established a robust evaluation framework by logging experiments and versioning data with **MLflow and DVC**, ensuring transparency and project reproducibility.
- Containerized the application using **Docker** and deployed the Flask web interface on **AWS (EC2 & ECR)**, optimizing for deployment consistency and scalability.

FinScribe: Generative AI News Research Assistant

[Link](#)

- Engineered an LLM-powered research bot using **OpenAI and Google Gemini Pro** to extract financial insights from unstructured news and PDFs with **95% accuracy**.
- Implemented a natural language interface for complex financial querying, streamlining research workflows by **10x compared to manual methods**.
- Built a scalable, cloud-deployed architecture designed to handle large data volumes and adapt to growing research requirements.

Sales Insights: Real-time Analytics Dashboard

[Link](#)

- Performed advanced data modeling and analysis using **MySQL** to identify key sales trends and operational bottlenecks.
- Executed end-to-end **ETL processes** in Tableau and Power BI, including data cleansing, feature engineering, and DAX optimization.
- Developed and published a public-facing, real-time interactive dashboard to provide stakeholders with actionable business intelligence.