Krishna Sinha

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SUMMARY

Data Engineer and Analyst proficient in SQL, Python, and ETL workflows. Experienced in building end-to-end Retrieval-Augmented Generation (RAG) systems and executing customer churn analytics to drive business decisions.

EDUCATION

MIT ADT University, Pune	*B.Tech in Information Technology — CGPA: 7.8/10*
Kendriya Vidyalaya No. 3, Pune	*Class XII (CBSE) — 91%*
Air Force School, Kanpur	*Class X (CBSE) — 94%*

TECHNICAL SKILLS

- **Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (PostgreSQL, MySQL)

- **Data Analytics:** Data Cleaning, EDA, KPI Tracking, Churn Prediction, Logistic Regression

- **GenAI & NLP:** RAG Pipelines, Vector Databases (ChromaDB), Embeddings, LangChain, Google Gemini

- **Tools:** Power BI, Tableau, Excel, Git, GitHub, Jupyter Notebook, VS Code

SELECTED PROJECTS

End-to-End RAG System for Document Q&A 🔗 *Jan 2025*
Python, LangChain, ChromaDB, Google Gemini
- Architected a production-style RAG pipeline for document-based information retrieval.
- Implemented semantic search using chunking and vector embeddings.
- Integrated Google Gemini for context-aware response generation.

Customer Churn & Predictive Analysis 🔗 *Mar 2025*
Python, SQL, Scikit-Learn, Pandas
- Conducted EDA to identify churn drivers and high-risk customer segments.
- Built a Logistic Regression model optimized for recall.
- Delivered insights to support retention and marketing strategies.

Sales & Customer Analytics Dashboard 🔗 *May 2025*
PostgreSQL, Python, Power BI
- Designed relational schemas for transactional datasets.
- Developed SQL transformations for analytics-ready KPIs.
- Built Power BI dashboards for revenue and customer insights.

CERTIFICATIONS

- Neural Networks and Deep Learning – DeepLearning.AI 🔗 *Feb 2025*
- Fundamentals of Visualization with Tableau – UC Davis 🔗 *Apr 2025*
- Building NLP Pipelines with spaCy – LinkedIn Learning 🔗 *Jun 2025*

ACTIVITIES & LEADERSHIP

- Represented School of Computing (SOC) in inter-collegiate football tournaments.
- Vice Head of Finance, Cognizant Club – budgeting and event coordination.
- Team Member, GeeksforGeeks Student Chapter – MIT ADT University.