SAGAR KANDPAL

Data Analyst | Python & SQL | Power BI | Machine Learning

CONTACT

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Burari, Delhi

EDUCATION

B.Tech – CS (AI & ML)
KCC Institute of Technology
2023 – 2027 | CGPA: 7.8

12th – Rajkiya Sarvodaya
Bal Vidhyalaya
2021 – 2023 | 75%

KEY SKILLS

- Python
- Pandas
- NumPy
- Matplotlib
- Seaborn
- Power BI
- DAX
- SQL / MySQL / PostgreSQL
- Excel
- Jupyter Notebook
- LangChain
- Streamlit
- RAG Architecture
- Prompt Engineering
- Git

LANGUAGES

English – Professional
Hindi – Native
Japanese – Beginner

AWARDS

1st Prize – Ignite Tech Fest
Hackathon | IILM University

1st Prize – Inter-College
Tech Fest | KCC Institute

LEETCODE

50 SQL Interview Problems
JOINs, window functions, aggregations, optimisation

PROFILE SUMMARY

Aspiring Data Analyst with hands-on experience in Python-based data analysis, SQL querying, and BI dashboard development. Skilled in cleaning and visualising datasets using Pandas, NumPy, Matplotlib, and Seaborn, and building interactive Power BI dashboards. Strong foundation in statistical thinking, LLM integration, and agentic AI systems. Pursuing B.Tech in CS (AI & ML) from KCCITM (3rd Year) with CGPA 7.8. 12th with 75%. Two-time hackathon champion.

WORK EXPERIENCE

Data & AI Intern

FSP – Generative AI (Virtual Internship)

Sep 2025 – Oct 2025 | 6 Weeks | Remote

- Performed EDA on real-world NLP datasets using Pandas & Matplotlib to surface trends and outliers.
- Built LangChain RAG pipelines integrating vector databases for data-driven document retrieval.
- Automated AI workflow reporting, reducing manual analysis time by ~40%.

PROJECTS

Exploratory Data Analysis – Capstone Project

Python · NumPy · Pandas · Matplotlib · Seaborn

- Cleaned and analysed a 50K+ row real-world dataset; handled nulls, outliers, and type mismatches with Pandas.
- Created 20+ visualisations (heatmaps, pair plots, box plots) with Matplotlib & Seaborn to uncover patterns.
- Derived actionable business insights and documented findings in a structured Jupyter Notebook report.

Spotify Analytics Dashboard – Power BI

Power BI · DAX · Spotify API · Data Modelling

- Connected Spotify API to Power BI; modelled relationships across streams, listeners, track popularity, and genres.
- Designed interactive slicers, KPI cards, and trend charts with drill-down by artist, album, and date range.
- Optimised DAX measures for dynamic time-intelligence (MoM trends, 7-day rolling averages, top-track rankings).

AI Video Assistant – GenAI Project

Python · Whisper · LangChain · RAG · Streamlit · OpenAI

- Built an end-to-end AI tool that accepts any video link or file path and generates a full transcription using Whisper.
- Extracts key insights, important highlights, and questions discussed in the video using LLM-based analysis.
- Integrated a RAG-based Q&A system allowing users to ask questions directly from video content with semantic retrieval.

ArthSaathi – AI Financial Advisory Platform

Python · Gemini API · LangChain · Streamlit · Data Visualisation

- Built EMI simulation engine with real-time interest breakdown visualisations for 10K+ loan scenarios.
- Streamlit dashboard displayed live analytics; integrated Gemini API with modular LLM architecture.

Agentic RAG – AI Document Intelligence System

Python · ChromaDB · LangChain · OpenAI Embeddings · Agentic AI

- Engineered an Agentic RAG system that autonomously analyses and reasons over complex documents — easier and smarter.
- Implemented semantic chunking, re-ranking, and multi-step agentic workflows to extract insights and answer domain queries.
- Achieved 90%+ answer accuracy; agents self-direct retrieval steps for deep document understanding.