

# ANKAM SAI KUMAR

Data Science

Phone : 6303727972 | Email : saikumarankam1212@gmail.com

LinkedIn: <https://www.linkedin.com/in/saikumar-ankam>

Location: Nirmal, Telangana

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## PROFESSIONAL SUMMARY

Data Science graduate with hands-on experience in Python, SQL, statistical analysis, and foundational machine learning. Skilled in data cleaning, exploratory data analysis (EDA), relational database design, and analytical reporting. Experienced in building dashboards, writing complex SQL queries, and extracting insights from structured datasets. Completed industry-aligned virtual consulting programs with Deloitte and Tata, working on real-world analytics and business reporting scenarios.

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## TECHNICAL SKILLS

**Programming & Querying:** Python, SQL

**Data Analysis & Statistics:** Data Analysis, Statistical Analysis, Exploratory Data Analysis (EDA)

**Python Libraries:** Pandas, NumPy, Matplotlib, Seaborn

**Data Visualization & Reporting:** Power BI, Microsoft Excel, Dashboards, KPI Reporting

**Databases:** Relational Databases, Joins, Aggregations, Subqueries, Foreign Keys, Normalization

**Machine Learning (Foundational):** Regression, Classification, Model Evaluation

**Data Concepts:** Data Cleaning, Feature Engineering (Beginner), Data Modeling, Data Validation

**Tools:** VS Code, Power BI, Excel

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## PROJECT EXPERIENCE

### E-Commerce Customer Data Analysis | Python

- Analyzed customer datasets to identify purchasing behavior, payment preferences, product performance, and churn patterns.
- Performed data cleaning including duplicate removal, missing value handling, and data standardization.
- Conducted EDA using bar charts, pie charts, histograms, boxplots, heatmaps, and pair plots.
- Generated insights supporting customer retention and sales optimization.

**Tools:** Python, Pandas, NumPy, Matplotlib, Seaborn, Excel

### Online Shopping SQL Database & Analysis | SQL

- Designed and implemented a relational database for an online shopping system covering customers, products, orders, and order details.
- Created tables with primary keys and foreign key constraints to maintain data integrity.
- Executed analytical SQL queries using joins, aggregations, and filtering to analyze customer locations, product categories, and order patterns.
- Supported business reporting by extracting structured insights from transactional data.

**Tools:** SQL, RDBMS

### Bank Transaction Analytics | Power BI

- Analyzed 50,000+ banking transactions to support KPI tracking and spending insights.
- Built interactive dashboards for category-wise analysis and customer segmentation.
- Enabled structured reporting through visual analytics for business users.

**Tools:** Power BI, Excel

### Banking System SQL Database | SQL

- Designed a relational schema for banking data including customers, accounts, and transactions.
- Wrote optimized SQL queries using joins, aggregations, and subqueries for analysis and reporting.

**Tools:** SQL, RDBMS

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## VIRTUAL EXPERIENCE

### Deloitte – Data Analytics Simulation | Forage | 2025

- Executed data analysis workflows including dataset review, pattern identification, and insight generation.
- Produced structured analytical outputs aligned with simulated business requirements.

### Tata – Data Visualization Simulation | Forage | 2025

- Built business-focused data visualizations emphasizing clarity and insight communication.
- Translated analytical findings into stakeholder-ready visuals.

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## EDUCATION

B.Sc. Data Science — Nishitha Degree College (Autonomous) | 2022–2025

CGPA: 7.32/10

Intermediate (MPC) — Gnana Saraswathi Junior College | 2020–2022

Score: 546/1000

SSC — ZPHS School | 2019–2020

CGPA: 9.2/10

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## CERTIFICATIONS

Deloitte Data Analytics Simulation — Forage (2025)

Tata Data Visualization — Forage (2025)

Google Analytics (GA4) — Google (2025)

Google Gemini — Google (2025)

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## ADDITIONAL INFORMATION

- **Languages:** English, Telugu

- **Career Objective:** To build a strong career as a Data Science and grow into a data-driven professional contributing actionable business insights.