

KOMAL HARSHITA KARANAKOTA

Aspiring Data Analyst | SQL • Python • Power BI • Excel

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SUMMARY

Aspiring Data Analyst with experience in SQL, Python, Excel, and Power BI through analytics internships, dashboard development, and data-driven projects. Skilled in exploratory data analysis, KPI reporting, business intelligence, and transforming raw datasets into actionable insights. Strong interest in solving operational and business problems using data visualization, reporting, and analytical thinking.

SKILLS

Languages & Analysis: Python, SQL, R, Pandas, NumPy

Data Visualization & BI: Power BI, Tableau, Plotly, Matplotlib, Microsoft Excel, Google Analytics

Databases: MySQL, PostgreSQL, SQLite, MongoDB

Analytics & Data Science: Exploratory Data Analysis (EDA), Data Cleaning, Dashboard Development, KPI Reporting, Scikit-learn, Jupyter, Reporting Automation

Tools: Git, GitHub, VS Code

Soft Skills: Analytical Thinking, Problem Solving, Communication, Collaboration

EXPERIENCE

AI-Powered Data Analysis Intern

Excelerate

February 2026 – March 2026

- Analyzed large-scale datasets using Python and Pandas to identify anomalies, trends, and actionable insights for the Tiger STRIPES initiative.
- Automated weekly aggregation and transformation workflows for 100,000+ records using NumPy, reducing processing time by 40%.
- Improved reporting efficiency and dataset organization to support faster data analysis and insight generation.

Business Analyst — Virtual Internship

Celonis

January 2026 – March 2026

- Applied process mining and workflow analysis techniques to identify operational bottlenecks and inefficiencies affecting business performance.
- Evaluated business process flows and proposed data-backed recommendations to improve operational efficiency and workflow optimization.

Project Admin

GirlScript Summer of Code

May 2026 – Present

- Managed open-source project workflows, reviewed contributions, and mentored contributors across collaborative GitHub-based development tasks.
 - Coordinated issue tracking, pull request reviews, and contributor support within an active open-source community.
 - Strengthened collaboration, project management, and technical communication skills through community leadership.
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PROJECTS

Urban Sustainability Analysis | Python, Pandas, Data Visualization

[GitHub](#)

- Analyzed urban sustainability datasets to identify patterns related to infrastructure, livability, and environmental performance across cities.
- Created visual reports and comparative analyses to support data-driven understanding of urban development trends.
- Performed exploratory data analysis and visualization to uncover insights from public datasets.

Celonis Business Process Analysis Case Study

[Demo](#) | [GitHub](#)

- Analyzed enterprise workflow data using process mining concepts to identify operational bottlenecks and inefficiencies affecting business performance.
- Evaluated process flows and proposed data-backed recommendations to improve workflow optimization and operational efficiency.
- Applied analytical thinking and business process analysis techniques to support data-driven decision-making.

ProdigyFlow — Automated Data Analytics Pipeline | Python, Pandas, Google Gemini

[Demo](#) | [GitHub](#)

- Designed an automated analytics pipeline for CSV ingestion, data cleaning, exploratory data analysis, and chart generation.
- Built reusable workflows for automated reporting and visualization, improving efficiency in repetitive analytics tasks.
- Streamlined analytics workflows through automated data processing and report generation pipelines.

EDUCATION

Bachelor of Engineering in Computer Science

Savitribai Phule Pune University

September 2024 – June 2028 • CGPA: 9.05

Symbiosis Junior College

HSC Science

Grade: 80% • August 2022 – June 2024

CERTIFICATIONS

- **CS250: Python for Data Science** — Saylor University (Issued May 2026)
- **Generative AI Skills for Data Analysts** - IBM (Issued May 2026)
- **TechA Data Analytics using Power BI Foundation Certification** - Infosys Springboard (Issued Apr 2026)
- **Data Analytics Job Simulation** — Deloitte (Issued Jul 2025)
- **McKinsey.org Forward Program** — McKinsey & Company (Issued Dec 2025)
- **Aspire Leaders Program** — Aspire Institute (Issued Apr 2026)
- **5-Day AI Agents Intensive Hackathon** - Kaggle x Google (Issued Dec 2025)

LEADERSHIP & COMMUNITIES

- Project Admin — **GirlScript Summer of Code 2026**
 - UGC Fellow — **Prettiflow**
 - Google Student Ambassador
 - Women in Data
 - Rewriting the Code
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