

# Sahil Khan

Data Scientist

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## Professional Summary

Passionate data analyst student and business analyst skilled in data science techniques, delivering actionable insights and optimizing processes through data analysis.

## Education

### RIZVI COLLEGE OF ENGINEERING

2022-2026

Bachelor of Engineering in Artificial Intelligence and Data Science:CGPA 8.6

### MH SABOO SIDDIK

2020-2022

HSC (Computer Science)

## Technical Skills

- Programming:** Python, SQL(MySQL, PostgreSQL),C,JS
- Data Analytics & BI:** Data Cleaning, Visualization, Insights, Reporting
- Tools:** PowerBI, GIT, Excel, Jupyter Notebook, Collab
- Libraries:**NUMPY,PANDAS, MATPLOTLIB, SEABORN,PLOTLY,Selenium
- Soft Skills:**Teamwork, LeaderShip, Problem Solving, Critical Thinking

## Experience

### Pilgrim:AI BOT Developer Intern and AI Automation

Jul 2025 - Sep 2025

- Developed CHANAKYA AI, a Natural Language to SQL bot for automated query generation and execution on BigQuery.
- Designed query classification system to identify user intent before SQL generation.
- Added error handling for invalid SQL clauses, missing FROM, and alias mismatches.
- Integrated visualizations for query results to improve data interpretation.
- Conducted data analysis in Pilgrim to derive actionable business insights.
- Built interactive dashboards in Pilgrim for KPI tracking and business reporting.
- Optimized SQL generation pipeline for accuracy and efficiency.

### E. E. Karachiwala & Co:Data Analytics Intern

Jan 2024-Aug-2024

- Conducted a regional sales analysis and identified a 10% decline in sales in Delhi over the past two years, compared to other regions with consistent growth.
- Developed actionable insights to address sales challenges in Delhi, such as revisiting marketing strategies, optimizing distribution channels, and enhancing customer engagement initiatives.
- Leveraged AI tools like Leonardo.ai and Predis.ai to enhance the company's social media presence, generating tailored content for platforms such as Instagram and Facebook in minutes, increasing brand reach by 15%.

## PROJECTS

### Super-Store Analysis(Numpy,Pandas,plotly):

- Analyzed monthly profit trends to identify performance patterns.
- Determined categories with highest and lowest sales, and the month with highest profit.
- Conducted a profit analysis by category, sub-category, and customer segment to uncover key insights.
- Evaluated the sales-to-profit ratio to optimize pricing and sales strategies.

### E-Commerce (SQL+Python):

- Analyzed monthly order trends across multiple years to identify seasonal patterns and growth opportunities.
- Calculated the average products per order, grouped by customer city, to enhance targeted marketing strategies.
- Determined the percentage of total revenue contributed by each product category, driving data-informed inventory decisions.

### Financial Agent (Python, Lang chain, Phi data, Yahoo Finance):

- Developed two AI-powered finance agents: one for delivering fundamental and technical analysis with peer comparisons, and another for summarizing real-time stock market news.
- Enhanced decision-making efficiency for users by providing actionable insights and concise financial updates.

## Achievement & Certification

• **2nd Place in IES MCRC Data Analytics Hackathon:**<https://acesse.one/3aMQh>

• **MS-EXCEL:**<https://drive.google.com/file/d/1ydbp7LzVK0QpqgRX-IFYhpLEyGAg0Ru/view?usp=sharing>

• **PYTHON:**[https://drive.google.com/file/d/1oWM78oZMwbNzVd\\_XKqa0U6ZWspSAuG5j/view?usp=sharing](https://drive.google.com/file/d/1oWM78oZMwbNzVd_XKqa0U6ZWspSAuG5j/view?usp=sharing)

• **PARTICIPATION VEGA HACKATHON CERTIFICATE :**[https://unstop.com/certificate-preview/4474c21b-893c-4b9b-8583-83908c1a8d52?utm\\_campaign=site-emails](https://unstop.com/certificate-preview/4474c21b-893c-4b9b-8583-83908c1a8d52?utm_campaign=site-emails)

• **Finalist – ICAR NAAM Data Analysis Competition** (Among 1360 participants, we secured a place in the Top 10):<https://l1nk.dev/a0Djr>