

# Sahil Kumar

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## PROFILE

Data Analyst with a proven track record of transforming raw data into actionable insights that drive business decisions. Skilled in Python, SQL, and data visualization tools such as Tableau and Power BI, with experience delivering end-to-end analytics solutions through freelance projects and academic initiatives. Strong foundation in statistics, data cleaning, and dashboard development, coupled with hands-on experience solving 290+ algorithm problems on LeetCode to sharpen problem-solving and data structure skills. Eager to leverage analytical expertise and data storytelling to optimize business processes and support data-driven strategies.

## EXPERIENCE

### Data Analyst

Fiverr

Aug 2024 – Present

Remote

- Delivered 20+ freelance analytics projects, automating data cleaning and analysis workflows with Python and SQL, reducing client reporting time by 40%.
- Designed interactive dashboards and visualizations in Power BI/Tableau, enabling faster decision-making for clients across 5+ industries.
- Applied statistical methods (e.g., hypothesis testing, correlation analysis) to uncover insights, leading to data-driven recommendations for business improvements.

### Deloitte Australia Data Analytics Job Simulation

Deloitte Data Analytics Virtual Internship

Oct 2025

Remote

- Completed Deloitte job simulation involving data analysis and forensic technology.
- Created a data dashboard using Tableau to visualize analytical findings.
- Used Excel to classify datasets and draw key business conclusions.

### Active Member

Computer Science Society, Sukkur IBA University

Nov 2024 – Present

Sukkur, Pakistan

- Organized 3+ hackathons and tech seminars, increasing student participation in tech events by 50%.
- Collaborated with 20+ team members to run coding competitions, fostering a culture of innovation and problem-solving.

## PROJECTS

### Titanic Survival Prediction | Python, Pandas, Scikit-Learn, Machine Learning



- Cleaned and engineered features from 890 passenger records, applying EDA, missing value imputation, label encoding, and correlation analysis to identify key survival indicators.
- Built and trained Logistic Regression and Random Forest models using an 80/20 split; Random Forest achieved **87% test accuracy**, outperforming Logistic Regression at **82%** and improving prediction consistency by +5%.
- Developed probability-based survival scoring with confidence outputs, enabling interpretable predictions and improved model usability for non-technical users.

### Analyzing International Debts Statistics | SQL



- Processed 100K+ records to identify key debt indicators, producing insights used in 3 university research projects.

### Analyzing Students' Mental Health | SQL



- Analyzed survey data from 500+ students, highlighting top factors affecting mental well-being and suggesting interventions adopted by student committees.

### Excel Projects | Excel, Python (Pandas)



- Built 5+ interactive dashboards with slicers, pivot tables, and Pandas, improving data accessibility for non-technical users by 60%.

### PhoneBook Management System | Java, File Handling



- Developed applications managing 1K+ records with robust data storage and retrieval features, enhancing usability and performance.

## EDUCATION

### Sukkur IBA University

Bachelor of Science in Computer Science

Aug 2023 – Aug 2027

CGPA: 3.35 — Sukkur, Pakistan

## KEY ACHIEVEMENTS

- Sindh Talent Hunt Program (2023): Awarded Merit Scholarship by Govt. of Sindh.
- Hackathon Winner (2025): 1st place at Sukkur IBA University Hackathon.
- Solved 270+ LeetCode Problems in DS & Algorithms, Python, Java, SQL.

## TECHNICAL SKILLS

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**Languages:** Python, SQL, C++, Java, NumPy, Pandas, Matplotlib, Seaborn

**Data & ML:** Data Cleaning, EDA, Feature Engineering, Logistic Regression, Random Forest, Model Evaluation (Accuracy, F1, ROC-AUC), Classification, Data Visualization

**Tools:** Jupyter Notebook, Excel, IntelliJ, Visual Studio, Power BI, Tableau, Git/GitHub

**Other:** WordPress, SEO (On/Off Page, Technical)

## CERTIFICATIONS

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- WordPress 
- Freelancing 
- SQL Fundamentals 
- Data Analyst in SQL 
- Python Data Fundamentals 
- Volunteer Service 
- Associate Data Analyst 
- Community Service 
- Events 
- Python Programming Fundamentals 
- Deloitte Data Analytics Certificate 