

SUSHANT KUMAR

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Professional Summary

Data Analytics professional with hands-on experience in transforming complex business requirements into actionable insights through data-driven solutions. Proficient in Python, SQL, Tableau, and Power BI, with a strong foundation in data cleaning, ETL pipelines, statistical analysis, and visualization. Delivered scalable dashboards, KPI frameworks, and forecasting models while working in Agile environments with strong data governance and stakeholder collaboration. Demonstrated leadership and execution skills through high-impact analytics projects and campus leadership roles.

Education

National Institute of Technology Karnataka, Surathkal

2021 – 2025

Bachelor of Technology in Computer Science and Engineering

Coursework

- | | | | |
|---------------------|-----------------------|-------------------------|--------------------|
| • Computer Networks | • Data Structures | • Computer Architecture | • Machine Learning |
| • Operating Systems | • Database Management | • Big Data Analytics | • Cloud computing |

Experience

Manishaas Infratecho Solutions Pvt. Ltd.

May 2024 – July 2024

Delhi

Data Analyst intern

- Translated business requirements into scalable data and technology solutions by collaborating with stakeholders, applying analytical problem-solving, and supporting strategic and operational decision-making.
- Designed and delivered interactive dashboards and KPI frameworks using Tableau, Power BI, SQL, and Python, enabling clear insight generation, trend analysis, and performance tracking across multi-source datasets.
- Executed analytics delivery using Agile best practices, including sprint-based development, documentation, data governance, quality checks, and stakeholder reviews to ensure reliable, maintainable, and business-aligned solutions.

Projects

Electric Vehicles Market Size Analysis | Python, Pandas, Matplotlib, Seaborn, NumPy, SciPy

[Source Code](#) | [Live](#)

- Processed and cleaned a large Electric Vehicle dataset (177,866 entries) using Pandas, handling missing values across 17 columns including VIN, location, model year, make, and electric range, resulting in a fully prepared dataset for analysis.
- Created Seaborn/Matplotlib visualizations of EV trends, BEV dominance, top Tesla models, and range histograms

YouTube Data Collection and Analysis | Python, YouTube Data API v3, pandas, seaborn, matplotlib

[Source Code](#) | [Live](#)

- Collected and analyzed 200+ trending videos using YouTube Data API v3, pandas, seaborn; discovered ~5min videos in Music/Gaming categories (42 percent of trends) achieve highest engagement with 0.85+ views-likes correlation
- Built complete ETL pipeline: API pagination, data cleaning (ISO duration parsing), category mapping, 10+ visualizations revealing optimal 2-8PM upload window.

Creating a Mutual Fund Plan | Python, Pandas, NumPy, Plotly, Jupyter Notebook

[Source Code](#) | [Live](#)

- Built portfolio optimizer using Python (Pandas, Plotly, NumPy) analyzing Nifty 50 data; selected 9 stocks via high ROI/low volatility criteria with inverse volatility weighting (NTPC: 28 percent).
- Built interactive financial dashboards comparing mutual fund portfolio low-risk 4-13 percent ROI vs high-growth stocks projected 5K monthly SIP growing to 860K in 10 years using compound interest formula demonstrating risk-reward trade-offs.

Technical Skills

Programming and Analytics: Python, Pandas, NumPy, SQL, R,.

Data, Analytics and Visualization: MySQL, PostgreSQL, MongoDB, AWS S3, Google BigQuery, Azure Data Lake, Tableau, Power BI, Matplotlib, Seaborn, Plotly

Databases and Tools : Data Cleaning, ETL Pipelines, Statistical Analysis, Forecasting, APIs, Agile, Git/GitHub, Data Governance, Stakeholder Collaboration, Excel, Advance, jira, Jupyter Notebooks, APIs (REST, Google APIs)

Soft Skills: Analytical thinking, Problem solving, Communication, Collaboration, Project Management, Execution, Attention to Detail

Leadership / Extracurricular

Head of Marketing | Entrepreneurship Cell

April 2024–April 2025

National Institute of Technology Karnataka, Surathkal

- * Spearheaded marketing campaigns for a national entrepreneurship event, securing 9 lakhs rupees in sponsorships through strategic outreach, persuasive brand pitches, and stakeholder engagement

Treasurer | Association of Computer Engineers

February 2024 – April 2025

National Institute of Technology Karnataka, Surathkal

- * Oversaw budgeting and fund allocation, planned sustainable operations, and secured multi-source funding to support association activities and events.