

Aniruddh Singh

Aspiring Data Analyst | Analytical Thinker | Data-Driven Problem Solver

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PROFESSIONAL SUMMARY

Highly analytical and detail-oriented Data Analyst with a strong foundation in data interpretation, statistical analysis, and data visualization. Adept at extracting actionable insights from complex datasets to drive strategic business decisions. Proficient in SQL, Python, and Google Analytics 4 (GA4), with hands-on experience in data exploration, reporting, and automation. Possesses strong problem-solving skills and the ability to collaborate across cross-functional teams to translate business requirements into clear, data-driven outcomes. Experienced in leveraging advanced techniques such as machine learning algorithms and predictive modeling to optimize performance and improve decision-making. Demonstrated expertise in creating dashboards, generating key performance indicators (KPIs), and conducting trend analysis to boost efficiency and business growth. Committed to continuous learning and driving innovation through the use of cutting-edge generative AI tools and technologies.

EDUCATION

Meerut Institute of Engineering and Technology

Bachelor of Technology in Information Technology (IT) | [2025 expected]

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Data Mining, Statistics
- Projects: Predictive Analysis of Stock Prices using Python, Data Visualization for Social Media Sentiment Analysis

Intermediate(CBSE)

Dewan Public School | [2021]

- Major subjects : Mathematics , Science and Computer Science

SKILLS

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| <ul style="list-style-type: none">• Data Analysis & Visualization: SQL, Python (Pandas, NumPy, Matplotlib, Seaborn), Excel, Tableau, Power BI• Statistical Analysis: Hypothesis Testing, Regression Analysis, A/B Testing, Predictive Modeling• Database Management: MySQL, PostgreSQL, MongoDB | <ul style="list-style-type: none">• Machine Learning: Scikit-learn, K-Means, Linear/Logistic Regression, Decision Trees• Data Cleaning & Wrangling: Data Preprocessing, Data Mining, ETL• Tools & Platforms: Google Analytics, Jupyter Notebooks, Git/GitHub, APIs• Soft Skills: Problem-solving, Attention to Detail, Critical Thinking, Communication. |
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PROFESSIONAL EXPERIENCE

Python Programming Intern

Codsoft | Sept 2024 – Present

- Developed and maintained Python scripts to automate data collection, processing, and reporting, improving workflow efficiency by 30%.
 - Collaborated with senior developers to write clean, efficient, and scalable code for various web and software applications.
 - Assisted in debugging and troubleshooting Python-based applications, identifying and resolving key issues that improved system performance.
 - Implemented data analysis and visualization techniques using Python libraries (Pandas, NumPy, Matplotlib) to extract meaningful insights from datasets.
 - Gained hands-on experience with APIs and database integration to support dynamic, data-driven applications.
 - Worked with version control tools like Git to manage codebase and collaborate with team members on multiple projects.
 - Participated in code reviews, providing constructive feedback to peers and improving overall code quality within the team.
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PROJECTS

Customer Churn Prediction Model

- Developed a machine learning model using Python (Scikit-learn) that predicted customer churn with an 85% accuracy rate based on customer behaviour and demographic data.
- Implemented feature engineering and hyperparameter tuning to improve model performance.
- Presented results using Matplotlib and Seaborn, highlighting key factors contributing to churn.

Sales Dashboard in Tableau

Created an interactive sales dashboard for a retail company that visualized monthly performance segmented by region and product categories.

- Leveraged advanced Tableau features like calculated fields and parameters to offer dynamic insights for stakeholders.
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CERTIFICATIONS

- **Google Data Analytics Professional Certificate** – Google
 - **SQL for Data Science** – DataCamp,
 - **Tableau Desktop Specialist** – Tableau
 - **Python for Data Science** – Udemy
 - **Career essential in Data Analytics Certificate** – Microsoft and LinkedIn
 - **Project Manager Job Stimulation** - Accenture
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ADDITIONAL INFORMATION

- Languages: English (Fluent)
- Hindi (Fluent)

