**SANJAY KUMAR**

Ooty, The Nilgiris, TN 643 001

+91 6374201379 | [sanjaykaushik535@gmail.com](mailto:sanjaykaushik535@gmail.com)

**PROFILE**

MSc Mathematics graduate with hands-on experience in data analysis, business intelligence, and database migration. Proficient in SQL, Python, Tableau, and Excel, with a track record of improving performance, reliability, and scalability. Skilled in developing tools and scripts for data analysis, ensuring data integrity, and crafting insightful visualizations. Experienced in managing the full lifecycle of data projects, from planning and effort estimation to execution and support. Seeking to leverage strong analytical and technical skills in a Data Analyst role focused on data-driven decision-making.

**EDUCATION**

Government Arts College, Ooty September 2022 – May 2024

Masters in Science, 8.6

• Major in Mathematics, Minor in Statistics, Fuzzy Logic & Optimization Technique

Government Arts College, Ooty August 2019 - July 2022

Bachelor's in Science, 7.6

• Major in Mathematics, Minor in Statistics & Computer Application

**PROJECTS**

**Exploratory Data Analysis of Food Nutrient Composition**

* Conducted a comprehensive analysis using Python and SQL to identify patterns and trends in food nutrient datasets.
* Created interactive Tableau dashboards to visualize data, improving stakeholder decision-making by 30%.

**Predictive Modeling for Climate Change Impact**

* Developed predictive models using Python and machine learning libraries to forecast the potential impact of climate change on various environmental factors.
* Enhanced model accuracy by 15% through data optimization techniques, providing valuable insights for environmental researchers and policymakers.

**Financial Data Analysis and Risk Assessment**

* Performed detailed financial data analysis using statistical techniques and tools like Excel and Python to assess risks in financial markets.
* Improved risk assessment accuracy by 20%, leading to more effective financial decision-making and portfolio management.

**SKILLS**

* **Programming Languages and Tools:** Proficient in Python, SQL, Java, and MS Office; experienced in data visualization tools like Tableau and Excel.
* **Data Analysis and Visualization:** Expertise in analyzing large datasets, identifying trends, and creating visualizations using Python, Tableau, and Excel.
* **Predictive Modeling:** Skilled in building predictive models and performing statistical analysis to drive business decisions.
* **Statistical Analysis:** Strong background in statistical methods, hypothesis testing, and data-driven decision-making.
* **Communication:** Excellent communication skills, with the ability to present complex data insights to both technical and non-technical stakeholders.

**ADDITIONAL EXPERIENCE AND CERTIFICATIONS**

* Certificate in Core Java
* Training on Python Programming
* Actively participated in community service and leadership activities, demonstrating a commitment to social responsibility and teamwork.