Maheshwor Tiwari

0414 032 507 | maheshtiwari99@gmail.com | Blogs on Medium | GitHub | Dashboard Portfolio

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Education

- Master of Data Science, Charles Darwin University, Sydney, Australia, Mar 2023 - Nov 2024
- PhD in Physics, CY Cergy Paris University, Cergy, France, Oct 2018 - Sep 2022 - Master of Theoretical Physics, CY Cergy Paris University, Cergy, France, Sep 2016 - Jun 2018

Experience

- Data Analyst, The Bitrates, Sydney, New South Wales, Australia, Jul 2024 – Present - Designed and implemented Python scripts for data cleaning, preprocessing, and analysis, improving data pipeline efficiency by 30%. - Developed machine learning models in Python for predictive analytics, enabling data-driven business decisions. - Built dynamic dashboards and visualizations using Python libraries like Matplotlib and Seaborn to communicate insights effectively.

Projects

- Automated data extraction and structuring of population datasets using Python, improving data accuracy and team collaboration. - Analyzed customer support data with Python to optimize response times and enhance operational efficiency. - Developed Python-based solutions to generate actionable insights, meeting strict deadlines for strategic decision-making.

Skills

- Specialized in Python programming, including data analysis, automation, and machine learning using libraries such as Pandas, NumPy, and scikit-learn. - Proficient in SQL for querying, modeling, and managing complex relational databases like PostgreSQL and MySQL. - Skilled in creating interactive dashboards and visualizations using Tableau, Power BI, and Matplotlib.

- Advanced Microsoft Excel skills.

- Technical proficiency with databases.