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 - Data Analyst, iBuild Building Solutions, Victoria, Australia, Mar 2024 – Jun 2024 - Software Engineer and Analyst, Property Console, Sydney, Australia, Jun 2023 - Nov 2023 - Research Assistant, CY Cergy Paris University, Cergy-Pontoise, France, Oct 2018 - Sep 2022 - Lecturer and Course Facilitator, CY Cergy Paris University, Cergy-Pontoise, France, Sep 2019 - Jun 2022 - Research Intern, CY Cergy Paris University, Cergy-Pontoise, France, Feb 2018 - Jun 2018

Projects

- 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 - 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

- Experienced with GitHub for version control, Docker for containerization, and Snowflake for cloud data warehousing

- Adept at leveraging tools like Visual Studio Code, Google Analytics, and Excel for data-driven solutions and reporting