

CONTACT INFORMATION Maheshwor Tiwari 0414 032 507 | maheshtwari99@gmail.com | Blogs on Medium | GitHub | Dashboard Portfolio Residency Status: On student visa; applying for Subclass 485 Temporary Graduate Visa

## EDUCATION

Master of Data Science Charles Darwin University, Sydney, Australia GPA 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 • Developed machine learning models in Python for predictive analytics, enabling data-driven business decisions. • Improved data pipeline efficiency by 30 • Automated repetitive tasks using AI techniques, reducing manual effort and enhancing productivity. • Built dynamic dashboards and visualizations with Python libraries like Matplotlib and Seaborn to effectively communicate insights. • Integrated Google Analytics data with Python for advanced analysis, enhancing customer behavior insights.

Data Analyst iBuild Building Solutions, Victoria, Australia • 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. • Designed Python scripts to create dynamic reports and dashboards, significantly improving customer satisfaction and decision-making processes.

Software Engineer and Analyst Property Console, Sydney, Australia • Built Python scripts to track key metrics, ensuring 99 • Collaborated with the development team to enhance analytics capabilities, using Python to improve data processing speed by 25 • Leveraged Python for data preprocessing and analysis, producing Tableau dashboards that improved decision-making. • Supported cross-functional teams with Python-driven insights, enabling customer-focused initiatives.

## PROJECTS

Project: Machine Learning Pipeline Development • Developed a machine learning pipeline using Python and TensorFlow to predict customer behavior, improving accuracy by 20 • Implemented data preprocessing techniques to handle missing values and outliers effectively. • Deployed the model into production, resulting in a 15

Project: Data Dashboard Creation • Designed and implemented interactive dashboards using Tableau to visualize key performance indicators. • Integrated multiple data sources to provide a comprehensive view of business metrics. • Enhanced user experience by incorporating drill-down functionality for detailed analysis.

## SKILLS

Python programming, Machine Learning, Data Analysis, SQL, Tableau, Power BI, GitHub, Data Visualization, Data Cleaning, AI, Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, Google Analytics, Excel, Docker, Snowflake, Visual Studio Code