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 ● 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 ● Leveraged AI techniques to automate repetitive tasks, reducing manual effort and improving productivity ● Built dynamic dashboards and visualizations using Python libraries like Matplotlib and Seaborn to communicate insights effectively ● 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 Research Assistant CY Cergy Paris University, Cergy-Pontoise, France ● Utilized advanced Python programming for computational modeling and solving complex research problems ● Developed Python-based workflows to manage and analyze large datasets across multiple research projects ● Presented Python-enabled research findings at international conferences, demonstrating technical expertise and communication skills

SKILLS Python programming, SQL, Tableau, Power BI, GitHub, Docker, Snowflake, Visual Studio Code, Google Analytics, Excel