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 Python scripts for data cleaning, preprocessing, and analysis, increasing data pipeline efficiency by 30● Implemented machine learning models in Python for predictive analytics, enabling data-driven business decisions ● Automated tasks using AI techniques, reducing manual effort and enhancing productivity ● Created dynamic dashboards and visualizations with Python libraries to effectively communicate insights ● Integrated Google Analytics data with Python for advanced analysis, improving 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 decision-making ● Designed Python scripts for dynamic reports and dashboards, significantly improving customer satisfaction

Software Engineer and Analyst Property Console, Sydney, Australia ● Tracked key metrics with Python scripts, ensuring 99● Collaborated with the development team to enhance analytics capabilities, improving data processing speed by 25● Used Python for data preprocessing and analysis, creating Tableau dashboards that improved decision-making ● Supported cross-functional teams with Python-driven insights, enabling customer-focused initiatives

PROJECTS Machine Learning Model Development ● Developed a machine learning model using Python and scikit-learn to predict customer behavior, increasing accuracy by 20● Implemented the model in a production environment, resulting in a 15● Conducted A/B testing to validate model performance, leading to a 10

Data Visualization Dashboard ● Created an interactive dashboard using Tableau to visualize sales data trends, facilitating data-driven decision-making ● Integrated real-time data feeds into the dashboard, providing up-to-date insights for the sales team ● Enhanced user experience by incorporating drill-down functionality, enabling deeper data exploration and analysis

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