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

Project: Machine Learning Pipeline Development ● Developed a machine learning pipeline using Python and TensorFlow to predict customer behavior, increasing accuracy by 20● Implemented data preprocessing techniques to handle missing values and outliers, improving model performance ● Created interactive visualizations using Tableau to present model predictions and insights to stakeholders

Project: Data Automation System ● Designed and implemented an automated data extraction system using Python, reducing manual effort by 40● Integrated APIs to fetch real-time data and update databases, ensuring data accuracy and timeliness ● Conducted regular data quality checks and implemented error handling mechanisms to maintain data integrity

SKILLS

Python programming, Data Analysis, Machine Learning, SQL, Tableau, Power BI, GitHub, Docker, Snowflake, Visual Studio Code, Google Analytics, Excel