

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 Jul 2024 – Present 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 Mar 2024 – Jun 2024 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 Jun 2023 - Nov 2023 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 Model Deployment

- Developed and deployed a machine learning model using Python and scikit-learn to predict customer churn, resulting in a 20
- Implemented a Flask web application for real-time predictions, enhancing customer engagement and satisfaction
- Utilized Docker for containerization and AWS for cloud deployment, ensuring scalability and reliability

Project: Data Visualization Dashboard

- Created an interactive dashboard using Tableau to visualize sales performance data, leading to a 15
- Incorporated advanced analytics and forecasting techniques to provide actionable insights for the sales team
- Automated data updates using Python scripts, reducing manual effort and improving data accuracy

SKILLS Python programming, Machine Learning, Data Analysis, SQL, Tableau, Power BI, GitHub, Docker, Data Visualization, Data Cleaning, Predictive Analytics, Flask, AWS, Advanced Analytics, Dashboard Development, Cloud Deployment, Team Collaboration, Communication Skills