Maheshwor Tiwari

Sydney, Australia

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EDUCATION

Charles Darwin University   Sydney, Australia
Master of Data Science   *Mar 2023 - Nov 2024*

CY Cergy Paris University   Cergy, France
PhD in Physics   *Oct 2018 - Sep 2022*

CY Cergy Paris University   Cergy, France
Master of Theoretical Physics   *Sep 2016 - Jun 2018*

EXPERIENCE

The Bitrates   Sydney, New South Wales, Australia
Data Analyst   *2022 – Present*

- 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

iBuild Building Solutions   Victoria, Australia
Data Analyst   *2022 – Present*

- 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

PROJECTS

Predictive Analytics Tool   Python, SQL

- Developed a predictive analytics tool using Python and SQL to forecast customer churn, resulting in a 20% increase in retention rates
- Implemented machine learning algorithms to analyze customer behavior patterns and personalize marketing strategies
- Created interactive dashboards in Tableau to visualize key metrics and trends for stakeholders

Skills

- Programming: SQL

- Tools/Technologies: Python programming, Tableau, Power BI, Data Analysis, Machine Learning, Data Visualization, Data Cleaning, Data Modeling, Predictive Analytics, Dashboard Design, Automation, Google Analytics, GitHub, Matplotlib, Seaborn, Pandas, NumPy, scikit-learn, Docker, Snowflake, Visual Studio Code, Excel