

Maheshwor Tiwari

Sydney, Australia

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EDUCATION

Charles Darwin University

Master of Data Science

Sydney, Australia

Mar 2023 - Nov 2024

CY Cergy Paris University

PhD in Physics

Cergy, France

Oct 2018 - Sep 2022

CY Cergy Paris University

Master of Theoretical Physics

Cergy, France

Sep 2016 - Jun 2018

EXPERIENCE

The Bitrates

Data Analyst

Sydney, New South Wales, Australia

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

Data Analyst

Victoria, Australia

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 Languages: Python programming
- Databases Query Languages: SQL
- Data Science Analytics: Data Analysis, Machine Learning, Data Modeling, Predictive Analytics
- Data Visualization BI: Tableau, Power BI, Data Visualization, Dashboard Design, Matplotlib, Seaborn
- Libraries Frameworks: Pandas, NumPy, scikit-learn
- Data Processing Management: Data Cleaning, Automation
- Cloud DevOps: GitHub, Docker
- Tools Platforms: Google Analytics, Snowflake, Visual Studio Code, Excel