# Maheshwor Tiwari

Sydney, Australia

maheshtwari99@gmail.com | Mobile: 0414 032 507 | Blogs on Medium — GitHub — Dashboard Portfolio

## 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 p

*Jul 2024 – Present*

- 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 accura

*Mar 2024 – Jun 2024*

- 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

| | |
|---|---|
| **Property Console** | Sydney, Australia |
| *Software Engineer and Analyst* | *2022 – Present* |

## PROJECTS

| | |
|---|---|
| **Machine Learning Pipeline Development** | Python, SQL |

- Developed a machine learning pipeline using Python and TensorFlow to predict customer churn, improving retention forecasting accuracy by 25% and saving $200K annually

## Skills

- Programming Languages: Python programming
- Databases  Query Languages: SQL
- Data Science  Analytics: AI, machine learning, data analysis
- Data Visualization  BI: Tableau, Power BI
- Cloud  DevOps: GitHub, Docker
- Tools  Platforms: Snowflake, Visual Studio Code, Google Analytics, Excel