TSERING DHARGYAL

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PROFILE

Detail-oriented Big Data Analytics graduate with 1+ years' experience analysing complex big datasets to deliver actionable insights. Proficient in Python, R, SQL, Power BI, Tableau, and advanced Excel. Skilled in automating data pipelines, creating dashboards, and producing KPI reports to support evidence-based decision-making. Adept at communicating insights to both technical and non-technical stakeholders, with a focus on data accuracy and continuous improvement.

KEY SKILLS

- Programming languages: Python, SQL, R
- Data Visualization/Business Intelligence: Excel, Tableau, Power BI, Matplotlib, Seaborn, A/B Testing
- Data Analysis/Machine Learning/Deep Learning: Scikit-Learn, TensorFlow, PyTorch, Keras, NumPy, Pandas
- Big Data/Cloud Computing: Git, Snowflake, Agile, Spark, Hadoop
- Additional Skills: Web development (Flask, WordPress, Shopify), Digital Marketing Analytics

EDUCATION

Master of Science in Big Data Analytics - *Sheffield Hallam University, UK*   **2022 - 2023**

- Dissertation: E-learning Performance Prediction Framework using Machine Learning – Developed predictive models using advanced data preprocessing, feature engineering, and evaluation techniques.
- Academic Project: Enhancement of Clean Air Zones to Reduce Vehicle-related Air Pollution in the UK – Applied ETL, data analysis, visualization, and project management.
- Modules & Tools: Python, R, SQL, Tableau, SAS, Hadoop, Hive, Data Warehousing, Statistical Analysis, Data Analytics Techniques

WORK EXPERIENCE

Freelance web developer - *Codewithtd*   **2024 - 2025**

- Managed and visualized data to improve the website performance and generate traffic.
- Develop and customise sites using WordPress, Wix, and Shopify for CMS and e-commerce solutions.
- Create and manage digital marketing campaigns, including ad design, deployment, and analytics tracking.

Data analyst - *Yamuna Khimtsang Foundation*   **2021 - 2022**

- Extracting, cleaning, and managing data from multiple sources, including CRM systems, community surveys, and beneficiary records, to ensure accuracy and consistency.
- Analysing program data to evaluate the effectiveness of educational outreach, animal feeding drives, and rescue operations.
- Designing visual dashboards and performance reports in Excel to present insights clearly to non-technical team members and donors.
- Identifying trends and impact metrics—such as changes in community engagement, animal welfare outcomes, and participation of local children—to support strategic decision-making.
- Collaborating with field teams to optimise program delivery based on data evidence.
- Ensuring ethical data handling and confidentiality, in line with privacy and safeguarding standards.

CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp - *Udemy*
- The Data Science Course: Complete Data Science Bootcamp 2025 - *Udemy*
- Complete Microsoft SQL Server Database Administration Course - *Udemy*
- Certificate in Intercultural Communication & Team-Building Skills – *Sheffield Hallam University*
- Certificate in Global Citizenship Portfolio – *Sheffield Hallam University*

LEADERSHIP & VOLUNTEERING

- Sponsorship Officer, Korean Drama Society – *Sheffield Hallam University*
- Volunteer Web Developer, Machikweekend (Remote) – *Machik*