

# Hemant Thapa

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## Summary

Enthusiastic and result-driven Data Analyst with a background in Mechanical Engineering and Data Science, I am eager to make a significant contribution to team success. Proficient in Python, SQL and with experience in machine learning, I have the ability to analyse large amounts of data, build predictive models and turn it into meaningful insights that can drive business strategy. I am confident in my ability to bring value to your organization through the application of data driven techniques.

## Professional Experience

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### Post Office (Oct 2020 – Nov 2022) – 2 years & 2 months

- Assisting customers during deposit and withdrawal from their savings accounts.
- Weekly helping pensioners to withdraw security from HMRC pension account.
- Dealing with foreign exchange, and complete understanding of money gram service for transferring and receiving funds from overseas.
- Assisting with National and International postage.
- Complete responsibility for daily cash declaration at the end of trading.
- Keeping records and making sure the books balance at the end of each day.

### Moore Global (April 2021 – Mar 2022) – 1 years

- Data mining of England, Wales, Scotland, and Northern Ireland companies.
- Data cleaning through excel sheet and organizing through excel pivot table.
- Preparation of capital allowance reports for submission to clients.
- Responsibly perform, technical analysis and fundamental analysis of the U.K companies for data validation.
- Studying the companies' activities and status in a fast-paced world.
- Analysing the list of jobs for clients and making records.

## Education & qualifications

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### 2023 Hyperion Dev

Department for Education Data Science (Fully Funded UK's Government Training Program)

### 2022 The University of the West of Scotland – High Street, Paisley, PA1 2BE, UK

BEng (Hons) in Mechanical Engineering

### 2019 The City of the Glasgow College – 21 Thistle Street, Glasgow, G59XB, UK

Higher National Diploma in Marine Engineering

## Technical Skills

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Scientific Research, Programming, Big Data, Data mining, Data Cleansing, Data Visualisation, Statical analysis, Advanced Mathematics, Algorithm Building, Classification Models, Regression Models, Hypothesis testing, and Machine Learning.

## Asset Management skills

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Technical Analysis, Fundamental Analysis, Break-Even Analysis, Portfolio construction and management, Risk Management, Valuation and Risk Model, Quantitative analysis (Advance Statics), Trend Analysis, Sales forecasting, and Start-up valuation.

## Software and Expertise

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Python, Microsoft SQL and SQL lite, Power BI, Tableau, Jupyter Notebook, Visual Studio Code, MS Word, MS Excel, MS Visio, MS PowerPoint, MS Team, Google Sheet, and Adobe Photoshop.

## Soft Skills

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Teamwork, Time Management, Creative Thinking, Good Listener, Problem Solving, Effective Communication, and Public Speaking.

## Data Analyst and A.I Project

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1. [Department of Education Funded - Data Science projects](#)
2. [Big Data and Data Mining Project – Financial Analysis](#)
3. [Facebook – Financial Analysis](#)
4. [Data cleaning and visualisation – Capstone Project](#)
5. [Mechanical Engineering Simulation - Numerical Assessment](#)
6. [Numerical assessment of bolt strength – Open Research](#)
7. [Foundation of programming – Open Research](#)
8. [Text to Audio book – Open Research](#)
9. [Facial Recognition- Open Research](#)
10. [SQLite3 - Bookstore](#)

## References

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**Uzair Ahmed Khan**

CODE CLAN - Data instructor

[uzair.khan@codeclan.com](mailto:uzair.khan@codeclan.com)

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