**DHANAKARTHIK**

My Portfolio - [**link**](https://analytical-showcase-site-99.lovable.app/)

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**GitHub:** [**Dhana-karthik**](https://github.com/Dhana-karthik)

**SUMMARY**

I am a recent graduate in **Data Science** from Coventry University, with virtual work **experience** in a **data analyst** role**.** Currently, looking for opportunities as a **Data Analyst or an intern**.Love to identify **performance metrics**, with experience working on real-world business projects like **customer segmentation, fraud detection, and analysis**. I have the full ***right to work*** *in the* ***UK*.**

**SKILLS: *Python, R, SQL, Microsoft Excel ( Pivoting, Vlookup), Google Sheets, Hadoop, Tableau, and Power BI.***

**work experience**

1. **Data Analysis (virtual work experience in March 2025): -** [**link**](https://github.com/Dhana-karthik/Data-Science-projects)

The Data Inspiration groups, United Kingdom

**Tools: R, Python, and MS Excel.**

* Worked on NHS data, transformed raw data of total antidepressants into an insight report
* Produced the sales report of the drugs in the UK, found that the **top 3** highly sold drugs contribute **57%** of the sales.
* Drugs with a mean cost per sale less than **2.5** had a sales frequency of **80** **units** or above.
* Cleaned data as a result of **80%** of them remaining for analysis, the money produced by all drugs is high at the **start of the year**.

1. **AI trainer(march-April, 2025)**

Outlier AI|

Remote, Coventry, UK

* Reviewed AI results on mathematics and programming, corrected almost **20-50** AI results **per week**.
* Rated every step, followed by AI for math problem solving, made corrections on an average of **30%** of every answer**.**
* Reviewed the prompts, performance, and made corrections. **40%** of the prompts were corrected.

**Projects:**

1. **Customer Segmentation project (April, 2025): - link**

**Tools: Python, PySpark, Tableau.**

* Built a model to classify highly influential customers, and found that **55%** of profit is from bulk ordering of **4.7** **units** on average.
* Used **Gaussian median model** for segmentation, **4 clusters** are influencing **90%** of the customer’s actions.

**Education**

**MSc in Data Science (Sept 2024- present):**

Institution: University of Coventry

**Grade: 2:1**

**Skills gained: Power BI, SQL, Python, R,** Data cleansing, Data visualization, **Fraud Detection, Customer segmentation, sales prediction/forecasting,** Data analytics, Machine learning, reporting, and data-driven dashboard making.

**B.Tech in Computer and Comm. Eng. (2019-2023):**

Institution: AVV University

**Modules:** Data structures and algorithms, **machine learning, database management systems**, signal processing, electromagnetics, and introduction to operating systems.

**CERTIFICATIONS, LANGUAGES & SKILLS**

* SQL certification from **Hackerrank-** [**link**](https://www.hackerrank.com/certificates/8f44bbf24b0d)
* Languages**: English(fluent), French(basic)**.
* **Deep Learning** and Neural Networks **Deeplearning.AI Certification** - [link](https://www.coursera.org/account/accomplishments/records/6G0G34J2NVVL)