**DAWIT ATRESO**

**Data Analyst | Operation Analyst**

Manchester, Greater Manchester

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Professional Summary

I am an analytical and detail-oriented Data Analyst with 3 years of experience in Data analysis, Data visualisation and Database management. I am also skilled in transforming raw data into actionable insights with a passion for solving problems and delivering compelling Automated visualisations to enhance strategic decision-making. I look forward to applying my skillset to contribute substantially and facilitate your company’s growth and ongoing success.

Technical Skills

**Data Analysis:** Regression Analysis, A/B Testing, Forecasting Models, Time series Analysis (Trends) & Clustering or Classification Algorithms.

**Data Visualisation & Reporting:** Power BI (DAX), Tableau, Seaborn (Python) & Excel (pivot tables, charts, Power Query).

**Database Management:** AWS**,** SSMS & Snowflake.

**Libraries:** Pandas, NumPy & Matplotlib.

**Languages:** Python, SQL (Postgres), HTML, CSS & JavaScript.

**Developer Tools:** Git, GitHub, VS Code, Windows, Ms Office, Linux & Adobe.

**Soft Skills:** Team-Oriented Mindset, Communication Skills, Problem Solving, Attention to Details, Adaptability & Coaching.

Professional Experience

**NEX February 2025 - Present**

**Data Analyst, (Internship),** *Manchester, UK*

As an Intern Data Analyst at NEX, I apply analytical skills to extract meaningful insights from data, contributing to the company's strategic and operational objectives.

**Key Responsibilities:**

* **Statistical Analysis:** Perform rigorous statistical analysis using tools such as **Python** to identify trends, patterns, and correlations within the data, resulting in a 50% improvement in process efficiency.
* **Database Management:** Maintain and manage relational databases using **SQL** for data extraction, transformation, and loading (**ETL**) processes, reducing data retrieval time by 30%.
* **Reporting:** Develop comprehensive reports and dashboards with **Power BI**, providing valuable insights into key performance indicators (**KPIs**) and business metrics.

**Generation UK & Ireland October 2024 – January 2025**

**Data Analytics Trainee,** *Manchester, UK*

Completed a comprehensive course in data analysis, covering essential skills in data cleaning, manipulation, and visualisation.

**Key Responsibilities:**

* **Data Concepts and Environments:** Gained an understanding of fundamental data concepts, including data types, Data manipulation, structures, and formats.
* **Data Analysis:** Acquired hands-on experience in data analysis techniques using **Python** (Pandas, NumPy, Matplotlib) and **SQL (SSMS, SAS & PostgreSQL)** for explanatory and exploratory analysis.
* **Data Visualisation:** Learned the art of data visualisation using **Power BI & Tableau** to effectively communicate insights and findings.
* Developed strong analytical thinking and problem-solving skills through collaborative projects and individual assignments.
* Collaborated in teams using **Agile methodologies**, improving teamwork, time management, and adaptability in fast-paced environments.

**Irack IT Solution September 2021 – October 2023**

**Operations Analyst**

**Key Responsibilities:**

* **Data Examination:** Conducted comprehensive analysis using **SQL** and **Excel**, processing large datasets to identify key trends and insights **(KPIs).** This assessment directly supported strategic decisions, improving operational **efficiency by 15%.**
* **Data Reporting:** Automated data reporting processes to enhance decision-making and reduce manual effort.
* **Data Administration:** Utilized SQL and ERP systems to efficiently manage, Extract and query databases, ensuring accurate data entry, integrity, and streamlined access.
* **Organisational Skills:** Collaborated with IT and **database administrators** to troubleshoot and resolve data quality issues, such as missing values, duplicates, and formatting errors, improving the **reliability** of reports by **25%.**

Education

* **Mechanical Engineering, Arba Minch University**

Modules Included:Mathematical Techniques **(91%)** and Computing and Data Analysis **(82%)**

* **GCSE,** Salford City College (SCC Group), Manchester, UK

Achieved A-level in all Subjects including English & Maths. (NEAEA - NARIC Certified)

Certifications

* [Certified Data Analyst from Generation UK & Ireland](https://www.linkedin.com/in/dawit-atreso/overlay/1737540123181/single-media-viewer/?profileId=ACoAADxs4yQBr0zt1SPPlIrqRnbw8HVa1M56xmo)
* [Data Analytics Essentials issued by Cisco](https://www.credly.com/badges/a59bc587-613f-4b79-aa54-07e34ccf5f03/public_url)
* [Data Protection (GDPR) issued by High speed Training UK](https://www.highspeedtraining.co.uk/verify)
* [Data Engineering issued by Data Camp](https://www.datacamp.com/completed/statement-of-accomplishment/course/dfb633a1579e456180a14274b2821586d899a3e2)

Projects

**Project 1:** [**Olist E-Commerce Store Analysis**](https://github.com/dawit-atreso-portfolio/Olist-E-Commerce-Store-Analysis)

* **Tools Used:** **Power BI**, **Excel**

**Key responsibilities:**

* **Data Extraction and Visualization:** Extracted and Transformed dataset using Power BI and Excel, with DAX used for advanced calculations. Automated dashboards & highlighted key trends (KPIs) in sales and customer behaviour. This process improved decision-making by 25%.
* **Performance Analysis:** Assessed thatthe on-time delivery rate was 89%, with 89K early deliveries and 8K delays. Average delivery times are 12 days (store to client) and 9 days (carrier to client).
* **Customer Segmentation:** Pointed outfrom 99K customers, 39.9% are high-value, and 57.12% are low-value, presenting opportunities for engagement. Targeted strategies grew the high-value segment by 12%.

**Project 2:** [**Worldwide Importers LTD Product and Sales Analysis**](https://github.com/dawit-atreso-portfolio/Worldwide-LTD-Product-and-Sales-Analysis)

* **Tools Used:** **SQL & Python (pandas, Matplotlib)**

**Key responsibilities:**

* **Data Extraction and Querying:** Utilised SQL queries to extract customer data, including names and order counts, from the World-wide Importers database in MSS, then connected MSS to Python to fetch and manipulate the data for analysis.
* **Product Analysis:** Analysed the top 5 most frequently ordered products, which made up 55% of total sales, and visualized their trends using Python (Matplotlib) visualization.
* **Insight:** Recognizing that **10%** of employees contribute to **30%** of total sales, providing insights into potential talent management strategies, training, or **recognizing high performers**.

Interest & Hobbies

Reading Articles, Learning new skills, Video editing, Storytelling, Networking, Swimming & Physical Exercise.