

Vyom Khanna  
Data, BI & MI Analyst

Southampton, UK (willing to relocate) | +447733989297 | [vyomkhanna355@gmail.com](mailto:vyomkhanna355@gmail.com) | [LinkedIn](#) | [Portfolio](#)

PERSONAL PROFILE:

Data Analyst with expertise in **Data Analysis, Business Intelligence, and MI Reporting**. Proficient in **SQL, Python, Power BI (DAX), Qlik, Excel and ETL** and possess a strong foundation in **Machine Learning concepts**. Have a proven track record of delivering actionable insights across the **Retail, Insurance and Manufacturing** sectors. Hold knowledge of **UK GDPR/DPA 2018**, ensuring data-handling compliance. Received a **Letter of Recommendation (LOR)** for excellent work from a previous client. Adept at **Project Management, managing time, communicating effectively, and quickly adapting** to new challenges, with a commitment to continuous learning and professional growth.

SKILLS:

<b>SQL:</b> Windows Functions, CASE, Joins, Indexing, Subquery, Partition by, Aggregate Function, ETL, CTEs, Limit, Rank, Offset, DBT	<b>ETL:</b> Alteryx, Python, Qlik
<b>Python:</b> NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Pyspark	<b>Project Management:</b> Trello, Agile Methodology, Waterfall Methodology
<b>R:</b> ggplot2, dplyr, caret, tidyr	<b>Alteryx:</b> Workflow Automation, Predictive Analytics, Geospatial
<b>Power BI:</b> DAX, Power Query, Drill-through, Slicers	<b>Reporting:</b> Excel, Power BI, Qlik, SSRS
<b>Qlik Sense / QlikView:</b> Set Analysis, NPrinting, Resident, Applymap, QMC	<b>Google Analytics:</b> Real-time Analytics, User Behaviour Analysis, Audience Insights
<b>Excel:</b> Pivot Tables, VLOOKUP, Power Query, Solver, VBA, Macros	<b>Cloud:</b> Azure, Snowflake
<b>Scikit-learn:</b> Linear Regression, Random Forest, K-Means	<b>Soft Skills:</b> Communication, Collaboration, Time Management, Critical Thinking, Attention-to-Detail, Business Acumen

RELEVANT WORK EXPERIENCE:

*Sales & Insight Assistant | Poundland & Dealz, Southampton, UK | Apr 2024 – Present*

- Prepared and monitored weekly, and monthly sales, SKU and customer reports, identifying underperforming products and recommending actionable solutions.
- Created Tableau dashboards to present actionable customer insights to the management team, improving strategic decision-making.
- Participated in weekly meetings to discuss store performance and customer preferences, providing input based on observations at checkout.

*Business Intelligence Analyst (On-site) | Team Computers Pvt Ltd, Gurgaon, India | Sep 2021 – May 2023*

- Created interactive dashboards in QlikSense and Power BI by analysing raw data using SQL and Python, improving decision-making efficiency by 30%.
- Gathered business requirements from stakeholders using Agile and Waterfall methodologies and presented KPIs and trends through dashboards, improving business insights delivery by 25%.
- Automated over 100 daily reports for stakeholders and B2B clients, reducing manual effort by 70% and improving report delivery efficiency.
- Optimised SQL, Power BI DAX queries, Qlik and Alteryx ETL pipelines, reducing data loading time by 3 hours and achieving 95% data accuracy.
- Designed incentive reports aligned with performance goals, driving a 15% increase in quarterly sales productivity.
- Trained junior developers and interns in data analysis, SQL optimisation, SSRS automation and Power BI dashboard creation fostering a skilled and efficient team.
- Collaborated closely with the Head of Claims to define project objectives and ensure alignment with business goals.
- Coordinated with the IT team to optimise server and data warehouse performance, reducing data retrieval times by 20% and enhancing system efficiency.
- Conducted root cause analysis to identify factors influencing ETL performance and implemented variables and safeguards.
- Utilised MS Excel features such as pivot tables and VLOOKUP for quick data validation, ad-hoc analysis, and detailed reporting to address immediate business needs.
- Transformed data using SQL, Alteryx and Qlik Sense integrating data from various sources into data warehouses.

*Junior Data Analyst | Nipa International, Gurgaon, India | Jan 2021 – Aug 2021*

- Extracted and cleaned manufacturing data using SQL, for trend analysis and reducing data processing time by 20%.
- Developed cost-saving reports using Excel and pivot tables, presenting actionable insights that reduced expenses by 12%.
- Designed and delivered performance reports using Excel and SQL, tracking key metrics like production efficiency, downtime, and defect rates, leading to a 15% improvement in process monitoring.
- Monitored sales trends and B2B purchasing behaviour, providing actionable insights that increased upselling opportunities by 12%.

PROJECTS:

*Logistics & Inventory*

- Developed a logistics and inventory report using SQL and Tableau, incorporating KPIs to track stock levels, optimise deliveries, and prevent excess shipments. Shared insights with warehouse management, ensuring accurate and efficient order fulfilment.

*Pendency & Productivity*

- Developed a Claims Pendency Report using SQL, EDA, and Power BI dashboards to track unresolved claims, analyse ageing trends, and improve processing efficiency. Automated insights reduced average daily pending claims from 80K to 38K, increasing productivity by 52% and accelerating claim resolution.

*Monthly Travel Insurance Dashboard*

- Designed an interactive Power BI dashboard to track travel insurance sales, renewals, premium revenue, and claims efficiency. Automated insights led to a 15% increase in customer retention and 20% faster claim settlement, optimising decision-making and business performance.

*SQL & DAX Optimisation*

- Optimised SQL queries for efficient data extraction, reducing processing time and improving report accuracy. Enhanced DAX measures in Power BI for faster aggregations, better filtering, and dynamic calculations, leading to real-time insights and improved dashboard performance by 3 hours.

*Git Portfolio*

- Developed a Career portfolio website using HTML, CSS, and JavaScript with the assistance of ChatGPT, showcasing my experience and all industrial projects. Integrated Google Analytics and Tag Manager to learn & gain insights into web traffic and analytics. Currently exploring audio integration to enhance the site’s functionality further.

*Predicting London Bike Usage Using Machine Learning*

- Developed a predictive model to optimise London's bike-sharing system using Python. Conducted data analysis and built machine learning models to forecast demand, enhancing resource allocation and efficiency.

*Power BI: Data Analytics for Bank X*

- Utilised Power BI to create over 20 visualisations, identifying key sales trends, product performance metrics, and regional data insights. Delivered three actionable recommendations to optimise sales and reduce product returns, contributing to a potential 15% increase in operational efficiency.

*SQL: Healthcare Analytics*

- Optimised a SQL database for hospital staff shift allocation, designing queries to analyse schedules and work hours, resulting in an estimated 25% reduction in conflicts.

EDUCATION:

*University of Southampton | Southampton, UK | Sep 2023 – Sep 2024*

Masters of Science - Mathematics - Data and Decision Analytics (Merit)

Key Modules: Data Analytics, Data Science Techniques of Python, Snowflake, Statistical Computing for Data Science, Machine Learning, SQL, Power BI Data Visualisations, and Deterministic Methods for Data Science

*SRM Institute of Science and Technology | Chennai, India | Jul 2016 – Dec 2020*

Bachelor of Technology - Mechanical Engineering