

# Vyom Khanna

## Data, BI & MI Analyst

### DETAILS:

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Southampton, UK

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[Linkedin & Portfolio](#)

### TECHNICAL COMPETENCIES:

#### Data Analytics and ETL:

- Python and SQL

#### Data Visualisation:

- Power BI, Tableau, QlikSense, QlikView

#### Excel:

- Pivot tables, Vlookup, Match, Power Query

#### Statistical Modelling:

- Linear Regression, Random Forest, XGBoost, Decision Tree

### CERTIFICATES:

- Microsoft Power BI for business intelligence and data analytics
- SQL and Python Bootcamp for data analytics

### PERSONAL PROFILE:

Experienced Data Analyst with expertise in Data Analysis, Business Intelligence, and MI Reporting, supported by an MSc in Data and Decision Analytics. Skilled in SQL, Python, Power BI (DAX), Qlik, and Excel for data extraction, transformation, visualisation, and tailored reporting. Strong foundation in Machine Learning concepts and a proven track record of delivering actionable insights across various industry projects. Adept at managing time, communicating effectively, and quickly adapting to new challenges with a commitment to continuous learning and growth.

### RELEVANT WORK

#### EXPERIENCE:

*Business Intelligence Developer / Analyst* | Team Computers Pvt Ltd, Gurgaon, India

Sep 2021 – May 2023

- Utilised SQL and Python for data analysis, presenting KPIs, trends, insights and ad-hoc on Power BI and QlikSense Dashboards to increase data-driven decision-making.
- Automated 100+ reports in Python and Qlik, leading to a 50% improvement in processing time.
- Optimised SQL, DAX queries, and Qlik ETL models, increasing data accuracy to 95%.
- Boosted online policy sales by 20% and sales productivity by 15% through automated reporting and optimised data workflows.
- Trained junior developers and interns by providing hands-on guidance in data analysis techniques, SQL query optimisation, and Python-based automation.

[See More](#)

*Graduate Engineering Trainee* | Nipa International, Gurgaon, India

Apr 2021 – Aug 2021

- Improved Siemens appliance efficiency by 20% via supply chain and design optimisations.
- Drove supplier negotiations, reducing procurement costs by 18% based on data-driven insights.
- Increased production efficiency by 15% by using Power BI and Excel for targeted process improvements.
- Generated weekly reports in Tableau and Excel that provided actionable insights, boosting operational efficiency by 10%.

[See More](#)

*Commercial Data Analyst Intern* | IP Infra, Delhi, India

Aug 2020 – Feb 2021

- Developed weekly and monthly Tableau dashboards for metrics like sales performance, customer acquisition, and churn, providing senior management with actionable insights.
- Improved pricing strategy by accurately forecasting sales trends with SQL and Excel analysis.

[See More](#)

### EDUCATION:

*University of Southampton* | Southampton, UK

Sep 2023 – Sep 2024

Masters of Science – Mathematics - Data and Decision Analytics (Provisional 65%)

- Conducted Exploratory Data Analysis (EDA) using Python libraries and established a predictive model; optimising bike-sharing resources and leading to an estimated 20% improvement in bike availability.
- Developed 20+ Power BI visualisations that analysed sales trends by region and product for 3 years, leading to an estimated 15% increase in retail sales.
- 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.

[See More](#)

*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