

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:

2 years of experience in Data Analysis, Business Intelligence, and MI Reporting, with an MSc in Data and Decision Analytics. Hands-on in SQL, Python, Power BI DAX, Qlik, and Excel for data extraction, transformation, visualisation and tailored reporting. Have a strong foundation in Machine Learning concepts. Capable of managing time, communicating clearly, and quickly adapting to new challenges with a willingness to learn.

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.

[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.

[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