

Mukul Katkar
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Professional Summary

Data-driven professional pursuing an MSc in Data Science and AI at Oxford Brookes University, with experience in metric analysis, business insights, and data visualization. Adept at transforming complex datasets into actionable insights to optimize business decision-making. Skilled in statistical analysis, machine learning, and dashboard development, with hands-on experience in tools like Python, SQL, Power BI, and Streamlit.

Education

Oxford Brookes University, Oxford

MSc Data Science and Artificial Intelligence (September 2024 – Present)

Sanjay Ghodawat University, Maharashtra, India

BTech Computer Science and Engineering (June 2019 – June 2022)

Maharashtra State Board of Technical Education, Maharashtra, India

Diploma in Computer Engineering (June 2017 – June 2019)

Professional Experience

Persistent Systems, Pune, India

Software Engineer (June 2022 – July 2024)

- Conducted **metric analysis** to improve operational efficiency and drive business insights.
- Developed **data visualization dashboards** to support key decision-making.
- Collaborated with cross-functional teams, bridging the gap between **engineering, sales, and product teams**.

Persistent Systems, Pune, India

Software Engineer Intern (January 2022 – June 2022)

- Analyzed **product and customer data** to optimize system performance.
- Worked on data **cleaning, preprocessing, and insight generation** for business intelligence

Wolfox Services, Maharashtra, India

Web Developer Intern (January 2021 – February 2021)

- Designed and implemented **data-driven websites** with business-focused features.
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Technical Skills

- **Data Analytics & Business Insights:** Metric Analysis, KPI Tracking, A/B Testing
 - **Programming Languages:** Python, SQL, Java
 - **Data Visualization:** Power BI, Matplotlib, Seaborn, Streamlit
 - **Statistical Analysis:** Hypothesis Testing, Regression Analysis, Data Cleaning and Preparation
 - **Cloud & Tools:** AWS, Git, Docker
 - **Product & Business Analytics:** Competitive Analysis, Dashboard Creation
 - **Excel**
 - **Machine Learning**
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Projects

IBM Identity and Access Management Tool - Persistent Systems

- Led **data-driven analysis** to optimize product performance and improve efficiency.
- Created **interactive dashboards** to visualize system insights.

Bengaluru City Property Price Analysis

- Developed **predictive models** for real estate pricing using **linear regression**.
- Built a **user-friendly interface** for price prediction using JavaScript and Flask.

Credit Card Launch Project

- Analyzed **customer segmentation and purchasing behavior** for a new credit card launch.
 - Developed an interactive Streamlit dashboard to analyze customer demographics, transactions, and credit profiles, providing insights for a targeted credit card launch.
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Courses

- **Excel: Mother of Business Intelligence (Code Basics)**
- **Maths and Statistics for AI, data science (Code Basics)**
- **The Complete Python Bootcamp from Zero to Hero (Udemy)**
- **Introduction to DevOps, Great Learning**
- **SQL Beginner to Advance for Data Professionals**