


# Yash Uday Sule

+44-7825545061 

[yashsulecan19@gmail.com](mailto:yashsulecan19@gmail.com) 

94, Hartley Road, NG7 3AF, Nottingham. 

[www.linkedin.com/in/yashusule](https://www.linkedin.com/in/yashusule) 

## PROFILE

---

Versatile professional with a Data Science master's from Nottingham Trent University and a background as a Teaching Assistant in Applied Mathematics. Proficient in Excel, Python, R, SQL, C#, Java, and MATLAB. Proven track record in guiding students, translating complex data into actionable insights, and contributing to impactful research. Skilled in machine learning, advanced statistical methods and data visualization. Known for meticulous problem-solving and a commitment to driving innovation. Ready to apply diverse programming expertise and analytical skills to real-world challenges in Data related fields.

## WORK EXPERIENCE

---

**Nottingham Trent University (Clifton Campus, Nottingham, England, UK), Research Associate** May 2023 – July 2023

- Read several research articles for the topic "Video Steganography".
- Prepared documentations to record important definitions, formulas and algorithms relevant to the topic of research.
- Designed presentations to showcase the depth of my knowledge and understanding in front of my supervisor.
- Generated a dataset that contains mp4 videos and bitstream files with the help of Video encoder - decoder software such as HM software, MATLAB and FFmpeg.

**Orcalo Holding Ltd (Uxbridge, London, England, United Kingdom), Data Analyst** July 2022 – Feb 2023

- Learnt about project management and customer relationship management tools such as Jira and Hubspot.
- Prepared presentations and reports having graphical representations and insights using Powerpoint and Word.
- Used Airtable for creating the database to collect and maintain data.
- Performed various tasks such as data cleaning and building visualizations in Excel.
- Designed dashboards using PowerBI by performing ETL and used Python for exploratory data analysis.
- Acted as a sub-ordinate Team leader and handle 5 - 6 employees for various tasks such as guiding, assigning work and validate their work.
- Generated mindmaps relating to data points for a project using Miro tool.
- Completed few certification courses - MySQL through DataCamp and Jira through Atlassian.

**The Maharaja Sayajirao University of Baroda (Vadodara, Gujarat, India), Temporary Teaching Assistant** Feb 2014 – June 2021

- Prepare and present lessons of Applied Mathematics, Industrial Mathematics and Financial Mathematics that enable students of Mathematics, Finance, Pharmacy and Engineering to learn the concepts well.
- Develop skills essential to a strategic mind set while creating unique lessons, assignments, and lectures.
- Maintain accurate records and corresponded verbally and in writing to keep students informed about their progress throughout the course.
- Offer clear direction, guidance and explanations to Final year students and support them for their project work.
- Teaching Multivariate Calculus and Mathematical Analysis, Fundamentals of Statistics, Scientific programming and Mathematical softwares, Numerical Techniques in Finance, Portfolio Theory and Asset Allocation to Post-graduate students of Financial Mathematics.
- Taken practical sessions on various programming languages.

**Babaria Institute of Technology, Assistant Professor (Ad – hoc)** July 2013 – Feb 2014

- Planned course instruction based on the approved syllabus/course outline provided to assure course content and learning objectives were met.
- Identified and assisted at-risk students while eliminating student barriers to learning.
- Provided academic support to students, tutoring; if necessary, and other assistance as needed (motivator, counselor, etc.)

## EDUCATION

---

**Nottingham Trent University (Nottingham, England, UK), M.Sc. Data Science**

**Sept 2021 – Sept 2023**

Relevant modules include:

- Software Engineering 1: gained the knowledge of the programming language named C# and practically implemented in the course work.
- Deriving Value from Data Analytics: explored different business roles, needs in specific sectors and built data visualizations by designing dashboards in Power BI.
- Statistical Analysis and Visualization: acquired theoretical knowledge of statistical methods and practically worked with statistical problems in R-Studio.
- Big Data and its Infrastructure: exposed to various basic concepts like big data, learnt about Hadoop and Spark, cloud computing.
- Artificial Intelligence and Data Mining: gained the knowledge about various machine learning models and applied it on a dataset having facial images.
- Major Project: build deep neural network models having different pooling techniques and a comparative study was carried out among them for the topic entitled “Action Spotting in Football Matches”.

**The Maharaja Sayajirao University of Baroda (Gujarat, India), M.Sc. Applied / Industrial Mathematics July 2011 – April 2013**

- Post-graduation with Distinction (78%).

**The Maharaja Sayajirao University of Baroda (Vadodara, Gujarat, India), B.Sc. Mathematics July 2008 – April 2011**

- Graduation with Second Class.

## SKILLS

---

- Operating System: Ubuntu (Linux) and Windows.
- Programming Languages: Python, R, SQL, C, C++, C#, Java, MATLAB, Octave.
- Business Intelligence tools: Microsoft PowerBI with DAX implementations.
- Microsoft Word, PowerPoint and Advance Excel skills (Power Query, Power Pivot), Outlook, Teams, OneDrive.
- Numerical and analytical skills, knowledge of statistical techniques.
- Excellent Communication and Presentation Skills.
- Time and Event Management, Leadership, Critical Thinking, Teamwork qualities.

## PERSONAL ACHIEVEMENTS [Certificates / Projects]

---

### Certificates:

- Course Completed on “Jira Fundamentals” and got Jira Fundamentals badge, 1<sup>st</sup> December 2022, Atlassian University.
- Course Completed on “SQL Fundamentals”, (21 Hours), 28<sup>th</sup> August 2022, Datacamp.
- Course Completed on “5 Day Coding Challenge”, 8<sup>th</sup> July 2022, Code Institute.
- Achieved Microsoft Certification for Azure Fundamentals (AZ – 900), 7<sup>th</sup> June 2022.
- Achieved Microsoft Certification for Azure Data Fundamentals (DP – 900), 6<sup>th</sup> February 2022.
- Achieved Microsoft Certification for Azure AI Fundamentals (AI – 900), 30<sup>th</sup> January 2022.

### Projects:

**Insights in Consumer Domain** – Atliq Hardwares [MySQL | PowerBI | PowerPoint] [\[Link\]](#)

- Provided insights regarding customers, products, sales trends and much more by writing SQL queries statements for the desired 10 Ad-Hoc requests.
- Designing visualizations for those requests using PowerBI.
- Created a video presentation using PowerPoint to present it to the management team and to the stakeholders.
- These insights could help them make informed decisions atleast 10 times faster than earlier.

## REFERENCES

---

Available upon request.