

Utpal UTKARSH

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Data Scientist for AML & Fraud Detection

- 3+ year of professional experience in AML Vertical of Barclays.
- Working Knowledge of Machine Learning and Big Data.
- Prior Experience in Database Querying and Dashboard Reporting
- Highly analytical and client oriented.



EDUCATION

2025 – 2027	EMLYON BUSINESS SCHOOL Master in Management - "Programme Grande Ecole" - Master 2 Core courses: Business Data Compliance and Sustainable Futures Thesis: Yet to be declared.	France
2017 – 2021	NATIONAL INSTITUTE OF TECHNOLOGY PATNA Bachelor of Technology Specialization in Electronics and Communication Engineering Relevant coursework: Digital Electronics, Control System, Data Analysis, Microprocessors, Analog Electronics and Wireless Communication	India

EXPERIENCE

Nov '21-Jun '25 (43 Months)	Tata Consultancy Services AML and Fraud Detection, BFSI Vertical Data Scientist <ul style="list-style-type: none">• Synthesized models for fraud transactions detection for AML section of a fortune 500 Investment bank.• Developed ML models in AWS Cloud, increased the detection accuracy by 5% for internal transactions.• Collaborated across multiple teams to ensure timely availability of alerts ensuring financial compliance.• Led configuration and plug in of Dashboard based reporting apps for ensuring the 100% accuracy.• Coordinated with teams that designed ETL layering design and refined data for further alert generation• Ensured compliance with AML regulatory guidelines by aligning model outputs with transaction monitoring policies and audit requirements.	France
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LANGUAGES AND COMPUTER SKILLS

English: fluent – C2 | **French:** Elementary – A2 | **Hindi:** Mother Tongue

IT Skills: Python: Advanced | SQL: Advanced | PowerPoint: Advanced | Excel (VBA): Proficient | PL SQL: Proficient

Certifications: IBM Data Science Professional Certificate | PySpark for Data Science | The SQL Bootcamp | Python Data Structures And Algorithm- Udemy | Microsoft Certified: Azure Developer Associate certification

Interpersonal Skills: Problem-solving | Resilience | Business Communication | Team Leadership and support

AWARD AND RECOGNITION

Gold Medal in English story writing competition in Intra-college competition, NIT Patna

Gold Medalist of Magadh Inter College's Class XII 2016th Batch, felicitated by Principal of the college.

School Topper of Pratibha Pallavan Memorial School's Class X Batch scoring 10 CGPA, felicitation by Chief Guest on Farewell.

EXTRA CURRICULAR ACTIVITIES & PERSONAL INTERESTS

Coordinator: Incubation Center, NIT PATNA: Led team of 11 People and coordinated to scrutinize the business applications.

Senior Faculty: SANKALP, NIT Patna: Conducted regular learning sessions for the underprivileged students of class 9 and 10 and Organized various events like Blood donation camps, Flood relief donation drive as well as funding drives.

Literature: I Like to read Poetry and Books on Psychology and Philosophy (Friedrich Nietzsche, Sigmund Freud and Emmanuel Kant).

International Relations: I like to study the dynamics of global geopolitics, diplomacy, and international trade relations.

Sports: Badminton, Played till Intra College Level, Participated in tournaments and alumni sports events.

Travel: Travelled 10+ States of India, witnessed the cultural uniqueness and the community life there.