

ITIKA DEY

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LinkedIn: [LinkedIn Profile](#) | GitHub: [GitHub Profile](#) | Portfolio: [Portfolio Link](#)

PROFESSIONAL SUMMARY

Fresher Data Analyst and IEEE published researcher with hands-on experience in Python, SQL, Power BI, Excel, and Machine Learning. Skilled in data cleaning, exploratory data analysis, statistical analysis, feature engineering, and dashboard development. Presented original research at IEEE ESCI 2026 international conference. Seeking Data Analyst, BI Analyst, or Power BI Analyst roles.

RESEARCH PUBLICATION

Paper Title: A Two-Stream Feature Learning Approach for Robust In-the-Wild Emotion Classification [Link](#)
Conference: IEEE ESCI 2026 -- 8th International Conference on Emerging Smart Computing and Informatics

TECHNICAL SKILLS

- Programming Languages: Python, SQL, Java, C, C++
- Data Analysis and BI Tools: Power BI, Microsoft Excel, Tableau, MS Office Suite
- Python Libraries: Pandas, NumPy, Matplotlib
- Core Skills: Data Cleaning, Exploratory Data Analysis (EDA), Data Visualization, Statistical Analysis, Reporting, Dashboard Development

PROJECTS

Hybrid Facial Expression Recognition System | Python, ResNet-18, SVM, HOG, LBP, MediaPipe

- Built two-stream hybrid FER framework combining ResNet-18 deep features with HOG and LBP descriptors; applied MediaPipe ROI extraction, ANOVA, and RFE on FER2013 and AffectNet (420,000+ images).
- Achieved 64.74% test accuracy on FER2013; published and presented at IEEE ESCI 2026 international conference.

NBA Historical Performance Analytics Dashboard | Power BI, Python, DAX

- Developed an interactive Power BI report using Python and DAX to analyze 20 years of NBA player efficiency and team win-loss trends with dynamic drill-through filtering.

HR Analytics Dashboard | Microsoft Excel, PivotTables

- Built an automated Excel dashboard using PivotTables to analyze employee attrition and identify high-risk department trends, reducing manual reporting effort significantly.

Brazil Retail Dataset Analysis | Excel, Tableau

- Cleaned and analyzed 100,000+ Brazil e-commerce records in Excel and built automated Tableau dashboards that reduced manual reporting time by 40%.

EDUCATION

Master of Computer Applications (MCA)

Institute of Engineering and Management, Kolkata

June 2024 -- July 2026

Percentage: 88.4%

Bachelor of Computer Applications (BCA)

Sarojini Naidu College for Women, Kolkata

2021 -- 2024

Percentage: 81%

CERTIFICATIONS

- Google Data Analytics Specialization -- Coursera (Google Certified)
- NPTEL Certified -- Python Programming
- NPTEL Certified -- Java Programming (Silver Medal)
- Deloitte Data Analytics Virtual Job Simulation -- Forage

ACHIEVEMENTS

- Presenter -- IEEE ESCI 2026 International Conference, March 2026
- 3rd Place as Team Lead -- College-level tech competition for YOLO-based satellite image analysis project on volcano and cyclone detection
- Chancellor's Award for Academic Excellence, 2026 — University of Engineering & Management (UEM), Kolkata Awarded for securing 1st position in M.C.A., Department of Computer Applications

PROFESSIONAL SKILLS

Analytical Thinking, Problem Solving, Attention to Detail, Time Management, Team Collaboration, Research and Documentation, Public Speaking and Presentation