

# ITIKA DEY

Kolkata | West Bengal | India



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LinkedIn Profile

Github Profile

Portfolio

## Objective:

Data Analyst fresher with Google Data Analytics Certificate and NPTEL certifications in Python and Java. Skilled in SQL, Power BI, Excel, and Python. Experienced in projects like HR Analytics and NBA Analytics Dashboard. Eager to apply data-driven insights to support business decisions.

## Technical Skills:

**Libraries:** Pandas, Numpy

**Programming Language:** Python, Java, C, SQL,C++

**Tools & Techniques:** Excel, Tableau, MS Office Suite, Data Visualization, Data Cleaning, Power BI

**Professional Skills:** Problem Solving, Time Management, Attention to Detail, Documentation

## Projects:

### NBA Historical Performance Analytics Dashboard

- Developed an interactive Power BI report using Python and DAX to analyze 20 years of player efficiency and team win-loss trends

### HR Analytics Dashboard – Excel

- Developed an automated Excel dashboard utilizing PivotTables to analyze employee attrition and high-risk department trends.

### Brazil Retail Dataset Analysis

- Cleaned and analyzed 100k+ Brazil e commerce records in Excel.
- Automated dashboards to reduce manual reporting time by 40%+ using Tableau.

### Hybrid Facial Expression Recognition System

- Benchmarked XGBoost/SVM against a custom 6-channel ResNet-18 (Attention + LBP/GLCM), proving Deep Learning superiority for complex image data.
- Achieved 64.34% accuracy on AffectNet, effectively handling occlusion and lighting variances where traditional methods failed.

## Education:

### Master's Degree in Computer Application

June 2024 - Present

Institute of Engineering and Management

### Bachelor's Degree in Computer Application

2021-2024

Sarojini Naidu College for Women

## Certifications:

**Deloitte Data Analytics Job Simulation – Forage :** Performed data analysis and business insight generation for simulated client scenarios.

**Google Certified :** Data Analytics Specialization

**NPTEL Certified :** Python

## Achievements:

- Earned a Silver Badge (4 start) on HackerRank for solving Python programming challenges and demonstrating strong problem-solving skills.
- Secured 3rd position in a college-level tech competition for presenting a YOLO-based Jupiter satellite image analysis project on volcano and cyclone detection.