

# ITIKA DEY

Kolkata | West Bengal | India



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## Objective:

Entry-level Data Analyst with Google Data Analytics certification and NPTEL credentials in Python and Java, skilled in SQL, Power BI, Excel, and Python. Hands-on experience in HR Analytics and NBA Analytics dashboards, delivering actionable insights through data analysis, and reporting 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

Institute of Engineering and Management

### Bachelor's Degree in Computer Application

Sarojini Naidu College for Women

June 2024 – Present  
Percentage – 88.45

2021-2024

Percentage – 81

## 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 star) on HackerRank for solving Python programming challenges and demonstrating strong problem-solving skills.
- Secured 3rd place as Team Lead in a college-level tech competition for presenting a YOLO-based satellite image analysis project on volcano and cyclone detection using Jupiter imagery.