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	*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 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.