

ANKIT DEY

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EDUCATION

Haldia Institute of Technology

Applied Electronics and Instrumentation Engineering
June, 2026
Haldia, IN
8.13 CGPA

CBSE, XII - HEM SHEELA MODEL SCHOOL

March, 2020
Core Science – 74.2%

TECHNICAL SKILLS

- Programming & Data: Python, SQL, Data Structures, Algorithms
- Analytics Tools: Google Sheets, Docs, Excel, Data Visualization
- Version Control: GitHub
- Data Analytics fundamentals (SQL, Python, Power BI, Spreadsheets, Data Visualization)
- Google Workspace (Docs, Sheets, Gmail, Chrome) for collaboration and reporting
- Experienced across the data lifecycle: collection, cleaning, transformation, analysis, visualization, and reporting

NON-TECHNICAL SKILLS

- Clear written and verbal communication for stakeholder collaboration
- Strong analytical thinking with data-driven problem solving, critical thinking, and ability to navigate ambiguous tasks independently or in teams
- Independent contributor with cross-functional teamwork and adaptability
- Efficient time management and system optimization through project execution

PROJECTS

Credit Card Fraud Detection | Report Link *Python, Scikit-learn, Data Preprocessing*

- Developed a fraud detection system in Python (NumPy, Pandas, Scikit-learn) on the Kaggle dataset (~**284K records**).
- Implemented Logistic Regression, Decision Trees, Random Forests, achieving **99.6% accuracy** on imbalanced data.
- Enhanced fraud precision from **28%** → **33%** via preprocessing, feature scaling, and class imbalance handling.
- Built modular architecture for multi-algorithm integration, improving scalability and detection.
- Evaluated models with accuracy, precision, recall, and outlined scope for real-time banking applications.
- Applied problem-solving, teamwork, and documentation skills in executing and presenting the project.

Automated Data Cleaning for Retail Analytics

Python scripting, Feature engineering, Data quality enhancement

- Built a Python script to clean and enrich Superstore retail data across 10,000+ rows and 18+ fields.
- Engineered derived features like OrderMonth and ProfitMargin for time-series and profitability analysis.
- Automated missing value imputation and duplicate removal, improving data quality and reducing manual effort.
- Standardized column names and date parsing for seamless integration into dashboards and ETL workflows.
- Used SQL queries for data extraction, cleaning, and trend analysis in analytics projects.

INTERNSHIPS

Data Analyst – I (Trainee Intern) | 92% Completed

Intrainz Innovation

- Designed and implemented data visualization dashboards for patient health monitoring, improving accessibility and clinical decision-making.
- Processed and analyzed patient datasets to identify anomalies and actionable insights, enabling timely interventions.
- Collaborated with cross-functional teams to build responsive, data-driven interfaces, streamlining healthcare workflows.
- Conducted usability testing and optimized performance, enhancing data reliability and user engagement.

- Gained exposure to real-world data security and anomaly detection practices.
- Applied cybersecurity principles to evaluate vulnerabilities in simulated enterprise data sets.
- Contributed towards promoting secure data analytics workflows and resilience in digital systems.

CERTIFICATIONS AND RECOGNITION

- Leadership Skill Assessment by Learntube.ai
- ISO-certified HR Generalist & Analytics training covering payroll, recruitment, Excel, and interview strategy at Tareeqa Global Solution Pvt. Ltd. | Certificate and LoR
- Hands-on skill development program on 3D Printing & 3D Scanning at HIT AICTE IDEA Lab, Haldia Institute of Technology | Certificate
- Certified in Data Science & Analytics (HP LIFE) with hands-on knowledge of leading practices, methodologies, and tools for driving data-driven business decisions. | Certificate
- Certified in Effective Presentations (HP LIFE) with proven skills in tailoring content, persuasive delivery, and designing impactful presentations. | Certificate