

MD ADIL IFTEKHAR

Data Science & Machine Learning Enthusiast | Python | ML | Data Analytics

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Motivated 2nd-year B.Tech Computer Science student with 1+ year of hands-on experience in Python, data preprocessing, exploratory data analysis (EDA), data visualization, and foundational machine learning workflows. Served as Campus Ambassador for IIT Delhi (eDC), Google Student Ambassador, and Hacktoberfest 2025 Contributor. Passionate about building data-driven solutions, uncovering insights from raw data, and continuously upskilling in ML, AI, and statistical modeling. Seeking a Data Science or Data Analytics internship to apply analytical skills to real-world problems.

TECHNICAL SKILLS

Languages: Python, HTML5, CSS3

Data Science Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, OpenCV (basics)

ML Concepts: Linear Regression, Logistic Regression, EDA, Feature Engineering, Model Evaluation, Cross-validation, Supervised & Unsupervised Learning

Tools & Platforms: Jupyter Notebook, Google Colab, VS Code, Git, GitHub, Google Analytics (basic)

Soft Skills: Communication, Leadership, Event Management, Problem-Solving, Time Management, Public Speaking

Languages (spoken): English (professional), Hindi (native)

PROJECTS

Student Exam Score Predictor — *Tools: Python, Pandas, Matplotlib, Scikit-learn, Linear Regression*

- Built an end-to-end ML pipeline to predict student exam scores from study hours using linear regression.
- Performed data cleaning, EDA, and feature engineering on a real-world academic dataset using Pandas and Matplotlib.
- Achieved R^2 score of 0.92 on test data; visualized prediction trends with Seaborn scatter and residual plots.
- Deployed the model logic in a Jupyter Notebook with clear documentation for reproducibility.

Exploratory Data Analysis — Titanic Dataset — *Tools: Python, Pandas, Seaborn, Matplotlib*

- Conducted comprehensive EDA on the Kaggle Titanic dataset to uncover survival patterns across age, gender, and class.
- Handled 20%+ missing values using imputation strategies; encoded categorical variables for downstream modeling.
- Generated 10+ visualizations (heatmaps, histograms, boxplots) revealing key correlations and demographic trends.
- Summarized actionable insights: female passengers had 74% survival rate vs. 19% for males in 3rd class.

Sales Performance Dashboard — *Tools: Python, Pandas, Matplotlib, Seaborn*

- Cleaned and analyzed a 5,000-row retail sales dataset to identify top-performing products and seasonal trends.
- Built a multi-panel dashboard with monthly revenue trends, category-wise breakdown, and regional comparisons.
- Automated data pipeline from raw CSV ingestion to final chart export using Python scripts.

Image Processing Mini-Project — *Tools: Python, OpenCV, NumPy*

- Implemented basic image processing operations: grayscale conversion, edge detection (Canny), and image blurring.
- Applied contour detection to identify objects in a dataset of 50+ test images with 85%+ accuracy.
- Documented workflow and results in a structured Jupyter Notebook shared on GitHub.

All projects available on GitHub: github.com/MDADILIFTEKHAR

EXPERIENCE & ACHIEVEMENTS

Campus Ambassador — eDC (Entrepreneurship Development Cell) | [IIT Delhi](#)

Dec 2025 – Present

- Represent IIT Delhi's entrepreneurship ecosystem among 500+ students at JB Institute of Technology.
- Organize workshops, startup talks, and networking events to promote entrepreneurial culture on campus.
- Coordinate with IIT Delhi's organizing committee to relay event updates and collect participant feedback.

Google Student Ambassador | [Google](#)*Aug 2025 – Feb 2026*

- Empowered 200+ peers by hosting AI/ML workshops, focusing on Google's Gemini AI and generative AI tools.
- Bridged the gap between cutting-edge AI technology and students through practical demos and community building.
- Built a campus AI community; grew participation by 3x over 4 months through targeted outreach.

Hacktoberfest 2025 Contributor | [Open Source / GitHub](#)*Oct 2025 – Feb 2026*

- Contributed to 5+ open-source repositories during Hacktoberfest 2025, earning Verified Contributor status.
- Submitted pull requests for Python-based data science tools; improved documentation and fixed bugs.

ECWoc Verified Contributor & Representative | [ECWoc](#)*2025*

- Selected as Verified Contributor and official Representative for ECWoc open-source program.

Campus Ambassador | [E-Cell, IIT Bombay \(E-Summit\)](#)*Jun 2025 – Oct 2025*

- Drove awareness for IIT Bombay's E-Summit among 400+ students; coordinated registrations and logistics.
- Executed social media campaigns and peer-networking drives, resulting in high campus engagement.

Campus Ambassador | [E-Summit, IIT Roorkee](#)*Dec 2024 – Jun 2025*

- Promoted Pravritti 2025 at campus level; drove measurable increase in event registrations through outreach.
- Developed leadership and event-marketing skills by liaising between event organizers and student community.

Internshala Student Partner (ISP) | [Internshala](#)*Nov 2024 – Feb 2025*

- Promoted skill-development opportunities across campus; facilitated peer enrollment in online certification courses.

Foundation Intern | [Tare Zameen Foundation](#)*Nov 2024 – Dec 2024*

- Supported data collection and reporting for social impact initiatives in New Delhi, India.

Campus Ambassador | [MyCaptain](#)*May 2025 – Jun 2025*

- Promoted career-development programs targeting student community; facilitated outreach across campus networks.

EDUCATION

B.Tech — Computer Science | [JB Institute of Technology \(JBIT\), Uttarakhand Technical University](#)*Aug 2024 – Aug 2028*

- Relevant coursework: Data Structures, Programming in Python, Statistics, Database Management Systems, Algorithms.

CERTIFICATIONS & ACHIEVEMENTS

- Python 101 for Data Science — IBM / Cognitive Class (Verified Certificate)
- E-Summit'26 — Certificate of Participation, IIT Roorkee
- JAI Hackathon — Certificate of Participation
- Elite Hack 1.0 — Certificate of Participation
- Hacktoberfest 2025 — Verified Open-Source Contributor
- ECWoc — Verified Contributor & Official Representative
- Google Student Ambassador — Empowering AI literacy across campus (2025–26)
- Campus Ambassador 10x — Represented 10+ top institutes simultaneously (IIT Delhi x2, IIT Bombay, IIT Roorkee, MyCaptain, Internshala, Google)

CURRENTLY UPSKILLING

- SQL for Data Analysis (SQLZoo, Mode Analytics)
- Power BI / Tableau for data visualization
- Deep Learning fundamentals — TensorFlow & Keras (Fast.ai course)