Md Irfanul Kabir Hira

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EDUCATION

University of Dhaka <div align="right">**Dhaka, Bangladesh**</div>
B.Sc. in Computer Science and Engineering <div align="right">*4th Year (Expected Graduation: 2026)*</div>

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java .
Libraries and Tools: Pandas, Numpy , PyTorch, Tensorflow , Sklearn , Jupyter Notebook, Google Colab.
Data Visualization: Power BI, Matplotlib, Seaborn.
Data Analysis: Data Cleaning, Statistical Analysis, EDA.
ML Architectures: Machine Learning(Decision Tree , Random Forest , Logistic Regression, SVM, KNN, Naive Bayes, AdaBoost, MLP (Neural Net)), CNN, Computer Vision, Transformers(BERT, LSTM), RAFT.
Soft Skills: Analytical Thinking, Problem-Solving, Communication .

WORK EXPERIENCE

Data Analyst (Remote Job)

BRITISH AIRWAYS (UK) <div align="right">*July 2024 – December 2024*</div>

- Cleaned, validated, and transformed large datasets using Python (Pandas, NumPy) to ensure accuracy and consistency.
- Developed interactive Power BI dashboards to monitor business KPIs and support data-driven decisions.
- Collaborated with cross-functional teams to streamline operational workflows and reporting efficiency.
- Delivered weekly and monthly analytical reports with clear insights and actionable recommendations.

Data Visualization Early Internship (Remote Internship)

Excelerate, Dubai (United Arab Emirates) <div align="right">*[View Certificate]* June 3, 2025</div>

- Collaborated with the Marketing team to analyze advertising campaign data.
- Designed and developed a presentation to effectively communicate key findings and actionable insights.
- Delivered a comprehensive project presentation, recommending strategic decisions based on data-driven insights.

PROJECTS

- **Clothing Segmentation with YOLOv8**, Built a Clothing annotation project using YOLOv8 segmentation. Trains a custom dataset with three clothing classes (full sleeve, half sleeve, pants) in Google Colab. GitHub
- **Movie Recommender System**, Developed a content based filtering system using cosine similarity to suggest movies based on user preferences and movie metadata. GitHub
- **Amazon Sales Dashboard using Power BI**, Developed a Power BI dashboard to analyze Amazon sales trends by year, product category, and revenue. Used Power Query and DAX for data transformation and created visualizations to support decision-making. GitHub
- **Netflix Movies and TV Shows Dashboard Using Power BI)**, Built an interactive Power BI dashboard using Netflix data to analyze content types, release trends, genres, and country-wise ratings. Used Power Query and DAX for data cleaning and modeling to generate actionable insights. GitHub

PUBLICATIONS

- Advance Bioinformatics, Computer Aided Drug Design based on Alzheimer's Disease 2023.

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- **Delegate – IMUN Online Conference 289.0, Thailand** (Oct 25–26, 2025).   View Certificate
- **Volunteer – Shikkhar Alo** Contributed actively as a dedicated volunteer.   View Certificate
- **Participant – 2-Day International Space Challenge (1–2 October 2022)**. View Certificate
- **Participant – NextGen Hackathon 2025** Noted for performance at IIUC Tech Fest 2025.   View Certificate
- **Round 2 Qualifier – SOLVIO AI Hackathon 2025** Qualified for Round 2 of the competition.   View Certificate
- **AI Training Course (3 days)** ABCD Laboratory Bangladesh – Completed October 29th 2024 . View Certificate
- **Basic Of Computer Science Quiz** Shardaya College, India Score: 90/100 (2023).   View Certificate
- **Data Science and Machine Learning with Python** - Completed 9th February 2025. View Certificate