





Tamima Nisat

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 Tamima's Portfolio

PROFILE

Computer Science and Engineering graduate with expertise in IT support, database management (SQL), data analysis, and machine learning. Skilled in Python, Excel, and data visualization, with hands-on experience in predictive modeling and AI-driven solutions. Passionate about leveraging technology for problem-solving and innovation.

Courses

AI-POWERED MARKETING DATA ANALYTICS FOR BEGINNERS

WsCube Tech

Cyber Hygiene Training

The Asia Foundation & SAJIDA Foundation

Complete Microsoft Excel Master Class

02/2025 | Bangladesh

Udemy

I learned Microsoft Excel from this course, including data analysis, advanced formulas, pivot charts, and data visualization. I also gained skills in building dashboards, solving real-life case studies, and automating tasks using macros. Additionally, I explored advanced Excel techniques like regression analysis and goal-seeking for better decision-making.

ChatGPT for Data Science and Machine Learning

02/2025 | Dhaka, Bangladesh

Udemy

Learned fundamentals of Data Science and Machine Learning, including data visualization with Matplotlib and Seaborn. Explored how to use ChatGPT for code generation, optimization, documentation, and project development, building three complete projects efficiently.

Data Science & Machine Learning with Python for Beginners

06/2024 – 11/2024 | Dhaka, Bangladesh

Ostad

I gained a foundational understanding of data analysis, visualization, and machine learning using Python through this course. It covered essential libraries such as NumPy, Pandas, Matplotlib, and Scikit-learn, providing hands-on experience in data handling and predictive modeling.

Data Science Fundamentals

11/2024 | Dhaka, Bangladesh

Ostad


In the Data Science Fundamentals course on Ostad, I learned the basics of data science, including data cleaning, exploration, visualization, and basic statistical analysis. It provided me with the foundational skills needed to effectively handle and analyze data.

Education

BSC in Computer Science and Engineering

02/2020 – 02/2024 | Dhaka, Bangladesh

Bangladesh University of Business and Technology -

BUBT 

• CGPA: 3.65

Higher Secondary School Certificate

Daud Public School and College, Jashore Cantonment

• GPA: 4.33 (out of 5) | Science

2017 – 2019 | Jashore, Bangladesh

Secondary School Certificate

Jashore Shikkha Board Govt. Model School & College

• GPA: 5.00 (out of 5) | Science

2015 – 2017 | Jashore, Bangladesh

Projects

Enhancing Cattle Disease Detection Accuracy: A Fusion of VGG16 and InceptionV3 for Simultaneous Diagnosis of LSD and FMD

05/2023 – 02/2024

Capstone

We have presented a model ensemble, VGG16 and Inception V3, capable of accurately detecting Foot-and-Mouth and Lumpy Skin Disease in cattle images, surpassing pre-trained models like Resnet50 and Inception in accuracy and sensitivity.

Property Rent

05/2023 – 09/2023

Languages & Tools: HTML, CSS(Bootstrap), JS(React) for Front-end, Firebase for Back-end | |Android App

Face recognition based attendance system

03/2023

Language & Tools: Python

RFID Shopping Cart

03/2023

Languages & Tools: RFID, NodeMCU,RFID TAG,XAMPP,RFID Reader.

E-learning

02/2022

Languages & Tools: HTML, CSS, JAVASCRIPT, PHP, MYSQL.

Flower Shop

02/2021

Language & Tools : C, Code::Blocks

Publications

Big Data Analysis for E-Trading Flower Shop Management System published in IEEE

12/05/2022

Tamima Nisat ,Md. Tabil Ahammed, Priyadharshini Balaji, Mohammad Hasibul Islam, Sanzida Akter, Md Al Amin Hossain, Al Rifat Hasan

The paper examines the business strategy of European flower shops, focusing on financial, market, customer, and competitive challenges. It highlights issues such as supplier availability, maintaining unique shopping experiences, and adapting to economic conditions.

Sentiment Analysis using a Machine Learning Approach in Python published in IEEE

12/05/2022




Md.Tabil Ahammed,A. Gloria, Silva Deena J,Md. Shariar Rahman Oion, Sudipto Ghosh, Priyadharshini Balaji,Tamima Nisat.

- This research aims to create a prototype to analyze people's attitudes toward the social difficulties of women on Facebook. Data was collected using Python scrapers and machine learning techniques, with the hashtags #Women and #MeToo revealing more women's experiences.

Language Skills

- **English:** IELTS Overall Band Score: 6
- **Bangla:** Native

EXTRACURRICULAR ACTIVITIES

- Chairperson: **IEEE Biometrics Council, BUBT SB Chapter**  (05/2021–08/2021)
- Event Co-Ordinator: **IEEE BUBT Student Branch**  (04/2021-06/2022)
- General Member: **BUBT IT Club**  (2022-2023)