







# Golam Kaderye

 Golam Kaderye |  Tech University Online |  Kaderye |  Golam Kaderye  
 Golam Kaderye |  gkce2017@gmail.com | 01776115271  
(129/1/E, Ahmed Nagar, Mirpur-1, Dhaka-1216)



## Professional Summary

As a data analyst, I aim to use data insights to support decision-making, drive efficiency, and solve problems across industries. With expertise in data visualization, statistical analysis, and machine learning, I aim to grow professionally and contribute to impactful outcomes.

## Technical Expertise

Languages	: Bangla, English, Arabic
Programming Languages	: C, C++( <a href="#">Link</a> ), Python ( <a href="#">Link</a> ), SQL( <a href="#">Link</a> )
Spreadsheets	: Google Sheets, Advanced Excel
Data Visualization	: Tableau, PowerBI, Matplotlib( <a href="#">Link</a> ), Seaborn( <a href="#">Link</a> )
Database Management	: PostgreSQL, Oracle SQL( <a href="#">Link</a> )
Python Libraries	: NumPy( <a href="#">Link</a> ), Pandas( <a href="#">Link</a> ), SciPy( <a href="#">Link</a> ), Scikit-learn, Keras, TensorFlow, XGBoost, PyTorch
Machine Learning	: Supervised, Unsupervised, Semi-Supervised, Reinforcement
IDE	: VS Code, PyCharm, Colab
Version Control	: Git, GitHub ( <a href="#">Link</a> )
Soft Skills	: Problem Solving, Critical Thinking, Mentorship, Collaboration and Communication

## Projects

- Movie Data Analysis using Oracle SQL ([Link](#))
- Pizza Sales Data Analysis using Oracle SQL ([Link](#))
- Music Data Analysis for Beginners using Oracle SQL ([Link](#))
- An advanced methodology on Bangla POS tagging in NLP (Supervisor)
- A Review of Principal Component Analysis in Data Science and Machine Learning. (Supervisor).
- Disease Prediction using Machine Learning Algorithm (Supervisor)
- Stock Price Prediction using Machine Learning in Python (Supervisor)
- Wine Quality Prediction (Supervisor)
- House Price Prediction using Machine Learning in Python (Supervisor)
- BPL Score Prediction using Deep Learning (Supervisor)
- Calories Burnt Prediction using Machine Learning (Supervisor)
- Vehicle Count Prediction from Sensor Data (Supervisor)
- Rainfall Prediction using Machine Learning in Python (Supervisor)
- Detecting Spam Emails using TensorFlow in Python (Supervisor)
- Twitter Sentiment Analysis using Python (Supervisor)
- Cat and Dog Classification using Convolutional Neural Network in Python (Supervisor)
- Movie Recommendation Based on Emotion in Python (Supervisor)
- Python | NLP analysis of Restaurant Reviews (Supervisor)
- Skin Cancer Detection using TensorFlow (Supervisor)
- Intrusion Detection System using Machine Learning Algorithms (Supervisor)
- Face and Hand Landmarks Detection using Python (Supervisor)
- Thesis (MSc): Twitter Data Mining for Radical Users Identification
- Project (BSc): Inventory Management System on a Shop

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## Professional Experience

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- **Data Analyst**, C. S Engineering (November 2024 - Present)  
Responsibilities: Analyze raw data, forecast, optimize resources, provide insights for efficiency.

## Teaching Experience

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- **Assistant Professor & Coordinator**, University of Scholars, (01 Sep 2023 - 31 Oct 2024),  
Responsibilities: Led curriculum development, conducted research, and mentored students in their academic work in the ERP system and professional pursuits.
- **Lecturer & Coordinator**, University of Scholars, (01 Sep 2020 - 31 Aug 2023),  
Responsibilities: Teaching, Research, Administrative work and work in the ERP system.
- **Head in-charge & Lecturer**, University of Scholars, (04 Feb 2020 - 31 Aug 2020),  
Responsibilities: Teaching, Research and Administrative work.
- **Lecturer**, University of Scholars, (24 July 2018 - 03 Feb 2020),  
Responsibilities: Teaching, Research and Administrative work.

## Academic Pursuits

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- MSc in Computer Science, CGPA 4.40, 2017, South Asian University (SAARC University), India.
- BSc in Computer Science and Engineering, CGPA 3.88, 2015, The People's University of Bangladesh.
- HSC (Science), GPA 4.60, 2007, Al-hera Academy School & College, Rajshahi Board
- SSC (Science), GPA 4.25, 2005, Aminpur Ayen Uddin High School, Rajshahi Board

## Accomplishments

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- As an organizer member and Coach of the Intra University Programming Contest at the University of Scholars.
- As a coach, I am proud to mentor our CSE students in the University Cyber Drill 2020 and 2022.
- CTF (Capture The Flag): I resolved issues pertaining to cyberspace on several websites.
- Advisor to members of the Scholars Computer Club (SCC).
- A member of the Proctorial Body of the University of Scholars.
- Assistant Editor for the University of Scholars newsletter.
- Served as student volunteers for two semesters (2016-2017) at SAU, India.
- PUB's 2013 and 2014 first runner-up in the programming contest.
- Certificate of Participation - Digital Equity Fellowship 2025 webinar series.
- Research Methodology | *University of Scholars, Dhaka.*
- International Workshop on Computational Intelligence and Applications | *South Asian University, India.*
- International Workshop on Machine Learning & its applications | *South Asian University, India.*
- **SAU Category-1 Scholarship** was awarded for the MSc program.
- **50% Tuition Waiver** was awarded for the BSc program.

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## Certificates

- Python for Data Science, AI & Development, IBM, Coursera, Grade Achieved: 98.80% ([Link](#))
- What is Data Science? IBM, Coursera, Grade Achieved: 96.50% ([Link](#))
- Data Science Methodology, IBM, Coursera, Grade Achieved: 100% ([Link](#))
- Programming for Everybody (Getting Started with Python), University of Michigan, Coursera, 100% ([Link](#))
- Tools for Data Science, IBM, Coursera, Grade Achieved: 100% ([Link](#))
- iPhone Application Development by BASIS Institute of Technology & Management (BITM), 2014

## Publications

- Banshal SK, Singh VK, [Kaderye G](#), Muhuri PK, Sánchez BP. An altmetric analysis of scholarly articles from India. *Journal of Intelligent & Fuzzy Systems*. 2018;34(5):3111-3118. doi:<https://doi.org/10.3233/JIFS-169495>
- [Golam Kaderye](#); Ahsan Arif; Ronjon Kundu. "Data Mining in Different Fields: A Study". Volume. 9 Issue.3, March - 2024 *International Journal of Innovative Science and Research Technology (IJISRT)*, www.ijisrt.com. ISSN - 2456-2165, PP:-1828-1838:-<https://doi.org/10.38124/ijisrt/IJISRT24MAR1384>
- Improved the accuracy of IOT based LPG leakage detection system with early fire prediction and smart alert (M. . Ahsan Arif, [G. Kaderye](#), M. A. . Mahmud Akib, S. S. Md. Fehir, & F. Mimi Shuma , Trans.). (2024). *International Journal of Scientific Research and Management (IJSRM)*, 12(04), 1110-1116. <https://doi.org/10.18535/ijssrm/v12i04.ec01>
- Ahsan Arif; [Golam Kaderye](#); Ronjon Kundu. "A proposed design of E-Voting System with consumption of existing GSM infrastructure in the Aspects of Bangladesh". Volume. 15 Issue.3, March - 2024 *International Journal of Scientific & Engineering Research (IJSER)*, www.ijser.org. ISSN - 2229-5518, ([Link](#))

## References

### Md. Ahsan Arif

Associate Professor & Head

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### Engr. Md. Mizanur Rahman

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## Declaration

I certify that all information provided by me is true and complete.

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(Golam Kaderye)