Tariq Youhana Leon

Data Science & Analytics Student | Python | Data Analysis

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PROFILE

Data Science & Analytics undergraduate who builds with Python and applies linear algebra and statistics to real business problems. Co-founder of a small data and software company, with a growing interest in machine learning, AI and data storytelling. Learns by building projects and breaking big goals into clear phases.

EDUCATION

BSc in Data Science & Analytics — In progress | Expected 2030

East West University, Aftabnagar, Dhaka

Completed: Linear Algebra (MAT 291), applied to data modelling and machine learning

Curriculum covers: Python, Data Structures & Algorithms, Regression & Multivariate Analysis, Statistical Inference, Data Mining, Machine Learning, Deep Learning, Big Data & Cloud Computing

Higher Secondary Certificate (HSC) — Completed

Dhaka Imperial College, Aftabnagar, Dhaka

Group: Science | GPA 5.00

Secondary School Certificate (SSC) — Completed

South Point College, Malibagh, Dhaka

Group: Science | GPA 4.78

EXPERIENCE

Co-founder — Tenstral Technologies — 2026 – Present

- Co-founded a company with two partners to offer software, data and related services to businesses.
- Developing linear-algebra-based business case studies (e.g. product cost modelling, marketing-spend analysis using collinearity) to show clients how data drives decisions.
- Researching data analysis methods and practical approaches to data-related problems.

PROJECTS

Bengal Hydro Detective — NASA Space Apps Challenge 2026 — Team Tenstral

- Analysed 24 years of NASA satellite and rainfall data in Python to track water storage across Bangladesh.
- Preliminary results show significant storage loss in the north-west despite no rainfall trend.
- Code: github.com/Tenstral/nasa-2026-earth-detective

OnlyKhelo — Sports Community & Booking Site — In progress

- Building a website where sports lovers can find a community and book sports.

Save The Astronaut — 2D Game — Concept

- Concept for a 2D game.

SKILLS

Programming	Python
Data & Maths	Data analysis, time-series trend testing, bootstrapping, linear algebra, applying maths to business data
Earth Data	NASA satellite and climate datasets (GRACE, GPM IMERG, GLDAS), maps and plots
Tools	GitHub & Git, GitHub Pages, web design
Learning	Machine learning, AI, data visualisation
Languages	Bangla, English, Urdu/Hindi (spoken)

INTERESTS

Filmmaking and documentaries, aerospace, history and historical mapping, game development, detective fiction and deductive reasoning, poetry.