

Sadman Samin

Businessman & Researcher | HSC Candidate, Dhaka College | Dhaka, Bangladesh

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EDUCATION

Dhaka College, Dhaka, Bangladesh 2024 – Present
Higher Secondary Certificate (HSC) · Science Stream

Comilla Zilla School, Comilla, Bangladesh Completed 2024
Secondary School Certificate (SSC) · Science Stream · Distinction | PEC & JSC: Distinction

RESEARCH

Effects of Rice Husk Ash on Concrete Compressive Strength 2026
Systematic Review & Quantitative Meta-Analysis · DOI: 10.5281/zenodo.20241511

- Random-effects **meta-analysis** evaluating RHA as a supplementary cementitious material; quantified effects of curing duration, particle fineness, and replacement ratios (5–10% vs. >15%) on compressive strength across peer-reviewed literature.

PROJECTS

Monolith Labs — Founder 2026 – Present
Open Research Library · Sustainable Infrastructure & Climate-Resilient Construction

- Curated open-access **systematic reviews and meta-analyses** on green concrete, supplementary cementitious materials, and AI-based structural simulation — all freely readable, no paywalls.

AI Job Risk Calculator 2024 – Present
Research Initiative · sadmansamin21.github.io/ai-job-risk-calculator

- Research initiative **mapping post-AGI workforce vulnerability**; models AGI's structural impact on labor markets, institutional resilience, and economic planning at a national level.

Land Price Dhaka 2025
GIS & Market Analysis Tool · sadmansamin21.github.io/land-price-dhaka

- GIS-based public utility delivering **granular per-katha land pricing** across Dhaka's sectors via proprietary market scraping — includes zone classification and year-on-year trend metrics.

Rent Estimator BD 2024
Public Data Tool · sadmansamin21.github.io/house-rent-bd

- Data-driven **rental intelligence platform** covering 50+ Bangladeshi districts, bridging the information gap in the country's largely informal housing market.

CERTIFICATIONS & ACHIEVEMENTS

Bangladesh Physics Olympiad (BDPhO) · National Finalist 2023

Resilient Leadership Strategy · Harvard Business School Online Certified

Green Industrial Policy · UNITAR / UN CC:e-Learn Certified

AI Principles & Ethics · Google Cloud Certified

Fundamentals of Artificial Intelligence · IBM Certified

SKILLS

Research Systematic review, random-effects meta-analysis, academic writing, citation management
Technical Data scraping, GIS, economic modelling, AI/ML fundamentals, LLM architecture (transformers, attention)
Business Strategic planning, entrepreneurship, stakeholder management
Communication Fluent in English (written & spoken), public speaking, competitive debate