



SYMBIOSIS STATISTICAL INSTITUTE

[Constituent of SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)]

Established under section 3 of the UGC Act, 1956 Re-accredited by NAAC with A++ grade | Awarded Category - I by UGC]

Full Name: Sahil Shabbir Pathan

Program Name: Master's in Applied Statistics

Education

Degree	Institute	Board / University	CGPA / Percentage	Year
Master's	Symbiosis Statistical Institute	Symbiosis International University	Ongoing	2025–2027
Bachelor	MGM Univresity	MGM University	8.88 CGPA	2025
Senior Secondary	School Name	Maharashtra	95.50%	2021

SCHOLASTIC ACHIEVEMENTS

- Secured **AIR 316** in IIT JAM Mathematical Statistics exam conducted by IIT Delhi. [2025]
- Achieved highest **CGPA 8.88 A+ Grade** in Undergraduate program at MGM University. [2025]
- Merit-Based Scholarship Awardee** for outstanding academic performance during undergraduate studies; received **60,000** over 3 years (20,000 per year). [2022–2025]

KEY PROJECTS

Linear Regression Model (Tools - Python, Numpy, Pandas, Matplotlib, Excel) [May'2025]

- Investigated the relationship between **Waist Circumference (WC)** and **Abdominal Adipose Tissue (AT)** using **Simple Linear Regression** on a dataset of 109 observations to explore a safer alternative to CT-based fat measurement.
- Conducted **exploratory data analysis** and **correlation analysis**, identifying a **strong positive correlation** ($r = 0.87$) and fitted an **OLS regression model** with $R^2 = 0.67$.
- Results:** Waist circumference was found to be a **statistically significant** and practical predictor of abdominal adipose tissue, explaining **67% of variability**, with scope for improvement using additional predictors.

POSITION OF RESPONSIBILITY

Core Head Institute Social Responsibility — Symbiosis Statistical Institute [2025– Present]

- Core Head, Institute of Social Responsibility**; collaborated with an **NGO** to plan and execute **fund-raising events** (games & quizzes), managing **end-to-end coordination** between the NGO and institute for smooth execution.
- Led and coordinated a student team** to ensure successful delivery of the event, resulting in effective **fund-raising and awareness** while strengthening skills in leadership, event management, and stakeholder coordination.

TECHNICAL SKILLS & KEY COURSES

Technical Skills: R, Python, SQL, PowerBI, LATEX, MS word, MS power point, MS Excel, Git GitHub

Certifications:

- Google Advanced Data Analytics Professional Certificate
- 15 Days of SQL: Complete Masterclass (Udemy)
- Introduction to Git and GitHub (Google)

EXTRA-CURRICULAR ACTIVITIES

- AIR 1** in National Level Poetry Competition by Season7 Poetry [2025]
- Won **1st Position in Inter-SSI Volleyball Matches** as **Team Captain**, showcasing strong leadership, discipline, and team management skills. [2025]