

Pragnadip Chakrabarty

Statistician | Research Associate

🏠 MuSigmas Consultants, India
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Born: May 18, 2003
Indian national



PROFILE

A passionate and enthusiastic statistician with a learner mindset with a postgraduate degree in Statistics

WORK EXPERIENCE

JANUARY 2026 – PRESENT

Statistics and Data Science Research Associate
MuSigmas Consultants, India

- Develop Statistical Analysis Plans (SAP) for statistical elements of study protocols.
- Conduct and report statistical analyses for clinical trials.
- Derivation and validation of datasets according to CDISC requirements.
- Create R-packages for specialized simulation-based experiments.
- Validation of datasets for analysis results
- Conduct and support various research projects.

2025 – 2026

Statistics Intern
MuSigmas Consultants, India

Conducted research in Bayesian adaptive clinical trial design with Win Ratio for hierarchical endpoints. Developed predictive power analyses and interim analyses for clinical studies. Created reproducible statistical reports using Quarto and R Markdown. Built R Shiny dashboards for real-time data monitoring for large-scale statistical analysis.

EDUCATION

2023 – 2025 **Master of Science**
STATISTICS
Presidency University, Kolkata

2020 – 2023 **Bachelor of Science**
STATISTICS
Presidency University, Kolkata

COMPUTER SKILLS

Programming & Software R (dplyr, tidyr, NIMBLE, RShiny, Quarto, RMarkdown), Python, Emacs

Other RStudio, Git, Excel, Minitab

ACHIEVEMENTS & PUBLICATIONS

Published Article: “The Head and the Heart of Cricket Dominance” —
The Telegraph

MathSport Asia 2024: Project presentation under Prof. Subhasis Ray at IIM Udaipur

Powerquest 2025 Hackathon:
1st Runners-Up (Team) — Data Analysis competition by Pharmaquant