

Goutham Sai Pydi

Bachelor in Science-Master in Science (in Mathematics & Statistics)
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 [Linkedin](#)

PROJECTS

•Master Thesis in Economics

[Click here for the Project](#)

- Year long project under Prof. Pranab Kumar Das, Center for Studies in Social Sciences, Calcutta
- My Guide and I are committing to publishing the above work soon
[Click here for the presentation](#)
- Technology Used: R, Microsoft Excel, L^AT_EX

•Term Paper on Risk Modelling

[Click here for the Project](#)

- Studying the Volatility of Monthly Returns of S&P BSE SENSEX using GARCH Time Series models
- Technology Used: R,Python, Microsoft Excel, L^AT_EX

•Econometric Modelling using Public Labour Force Survey Data

- Used General Linear regression model and Logistic Regression to find interesting causal relationships between various variables in the survey data
- Technology Used: R, R Markdown, Microsoft Excel

•Data Science Project using R programming

[Click here for the Project](#)

- Software Used: R, Microsoft Excel, L^AT_EX

EDUCATION

–Indian Institute of Science Education and Research,Kolkata

2018-23

Integrated 5 Year Bachelor of Science-Master of Science in Mathematics

CGPA:7.06

–Narayana Junior College, Hyderabad - Senior Secondary

2017

Percentage:93.6%

–The Hyderabad Public School, Hyderabad - Secondary

2015

CGPA:9.6

WORKING PAPERS

- Understanding the Volatility of Interest Rates of Government Securities vis-à-vis Stock Returns of Major Stock Indices of India

EXPERIENCE

•Teaching Assistantship for the course of “Introduction to Economics” , IISER Kolkata

Jan 2023 - May 2023

•Mathematics Tutor @Ek Pehal, IISER Kolkata

Teaching kids from the nearby villages around IISER Campus

Jan 2018 - May 2020

TECHNICAL SKILLS AND INTERESTS

Languages:Telugu, English and Hindi

Computer Languages:R, Python,MATLAB

Computer Skills:L^AT_EX, Microsoft PowerPoint, Microsoft Word, Microsoft Excel

Areas of Interest: Data Analysis, Regression Analysis, Economic Research

Hobbies: Reading,Chess,Swimming,Rubik's Cube