

# AMRUTHA N NAIR

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I am an undergraduate student majoring in Statistics and Economics, with a strong academic foundation in data interpretation, quantitative methods, and economic theory. Proficient in tools such as Microsoft Excel and R, with hands-on experience in survey design, data visualization, and statistical analysis. I am passionate about using data to inform decisions and explore real-world problems. Currently seeking internship or entry-level opportunities in data analysis, economic research, policy analysis, or market research, where I can apply and further develop my analytical and critical thinking skills.

## EDUCATION

• ST PAUL'S ENGLISH SCHOOL	Completed 10th with 91.2% - ICSE	2021
• PRESIDENCY UNIVERSITY	Completed PUC with 84.6%	2023
• MOUNT CARMEL COLLEGE	Currently pursuing a Bachelor's degree in Statistics and Economics with an aggregate of 78%	2023 - 2026

## ACADEMIC SKILLS

- Data Analysis & Interpretation – Applying statistical techniques to analyze and interpret data
- Statistical Tools – Skilled in Rstudio and Microsoft Excel for data handling and visualization
- Economic Reasoning – Strong understanding of microeconomics and macroeconomics concepts
- Survey Design – Developing questionnaires and collecting primary data for analysis
- Research & Report Writing – Summarizing academic literature and presenting data-driven insights

## PROJECTS UNDER ACADEMICS

- Project 1: Group project on monopolistic parlor inside the college campus  
Collected required information from the parlors using questionnaires, discussed price discrimination under the particular case compared it with another parlor outside the campus.
- Project 2: Weibull analysis on Engine time to failure – large dataset consisting of 20000 data points.  
Cleaned the data set, used Rcodes to analyze the data set and predicted the parameters for the distribution and survival function to assess engine failure time and reliability.
- Project 3: Currently working on an ongoing project based on Channapatna toys under the professor's guidance.  
Working under faculty guidance to identify causes of decline in the traditional toy industry. Conducting field research, market analysis, and report writing on potential revival strategies.
- Project 4: Conducting an ongoing survey on Effect of government's decision to close Janaushadi in Karnataka – (temporarily on stay)  
Designed structured questionnaires and conducted one-to-one interviews with consumers. Studying implications of closure on affordability, accessibility, and trust in healthcare services among the different socio economics groups. Currently analyzing survey findings to provide possible alternatives and analyzing the adverse effects in case of implementation of the decision.

## POSITIONS OF RESPONSIBILITY AND EXTRA-CURRICULAR ACTIVITIES

- Worked as the content head under the College association
- Have written an article for a newsletter – Indian Knowledge Systems.

## HOBBIES

- Creative writing and content editing
- Reading economic and policy articles
- Event planning and coordination
- Exploring data visualizations
- Cooking and baking
- Sketching and drawing.

## PERSONAL INFORMATION

- Languages : Proficient in English, Kannada, Hindi
- Strengths : Easily adjustable, highly inquisitive, fast learner, highly Motivated to attain goals.