

SAYANTIKA BHOWMIK

Kolkata, West Bengal, India

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EDUCATIONAL QUALIFICATIONS			
Qualification	College, University/ School, Board	Year of Passing	CGPA / % of Marks
M.Sc. in Economics	University of Calcutta	2025	7.600
B.Sc. in Economics	Scottish Church College, University of Calcutta	2023	8.118
CLASS – XII (Science)	St. Augustine's Day School, Barrackpore, ICSE (ISC)	2020	90.83%
CLASS - X	St. Augustine's Day School, Barrackpore, ICSE (ICSE)	2018	89.67%

SPECIALISATION
<ul style="list-style-type: none">International EconomicsAdvanced EconometricsResource & Environmental Economics

TECHNICAL SKILLS
<ul style="list-style-type: none">Beginner Level: Python, Power BI, Microsoft WordIntermediate Level: SQL, Microsoft Excel, Microsoft PowerPoint, STATA

PROJECTS
<ul style="list-style-type: none">Service Sector, Globalisation and Structural Features of a Developing Economy: A Trade Theoretic General Equilibrium Analysis - Developed a hybrid general equilibrium model to capture structural shifts in service sector growth of the developing economies through various themes like time zone, international fragmentation, skill formation and global value chains.Store and Customer Analysis of a DVD Rental Business: A Case Study – Designed a comprehensive analysis using SQL for data modelling and Power BI for interactive data visualisation, uncovering insights on the store performance, customer behaviour and film category trends to support data driven decision making.Green Transition or Emission Trap? Assessing Renewable Energy's Dual Impact on Emissions and Life Expectancy in Developed Nations - Evaluated the dual impact of renewable energy consumption on CO₂ emissions and life expectancy using panel data methods and tested hypotheses on efficiency variations, finding that renewable energy reduces emissions and improves health in more developed nations but may backfire in less efficient systems and highlighting the need for targeted policy interventions.Fisheries, Sustainability, and Valuation: Lessons from Diamond Harbour - Conducted primary research using contingent valuation methods (CVM) and assessed the sustainability and socio-economic impacts on local fisheries and recommended policy measures for sustainable fisheries and livelihoods security.Re-examining Export Resilience: A Time Series Analysis of Structural Breaks in India's Engineering Sector - Analysed 18 years of India's engineering export data using time series methods and identified structural breaks linked to FDI and indirect taxations as key drivers and recommended fiscal policy and investment strategies to strengthen trade resilience.Study of The Impact of Government Health Expenditure as A Percentage of GDP On Adult Mortality Rate (Male and Female) For High Income Countries – Examined the relationship between public health spending and adult mortality across high-income nations by applying regression techniques to the panel data and generated evidences for the role of healthcare expenditure in improving life expectancy.From Classrooms to Screens: A Study of Student's Time Allocation between Academics and Entertainment in the Digital Age - We conducted a study following the COVID-19 evaluating the college students' usage of online platforms for learning and entertainment (games and web series.) purposes.

PARTICIPATION & ACTIVITES
<ul style="list-style-type: none">Paper presentation at Departmental Fest, Scottish Church CollegeMock Stock Event in Econverge, College Departmental FestCreative Writing & Recitation at Activity Day in Scottish Church CollegeBengali Letter Writing Competition in St. Augustine's Day School

POSITIONS OF RESPONSIBILITY
<ul style="list-style-type: none">Organising Committee Member of Econverge: College Departmental Fest, Scottish Church CollegeStudent Council Member, St. Augustine's Day School, BarrackporeCore Committee Member of Augustus Auxesis: Annual School Fest, St. Augustine's Day School, Barrackpore

ADDITIONAL INFORMATION
<ul style="list-style-type: none">Areas of Interest: Cooking, Reading Books, Crafting