Ria Dey
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EDUCATION

Master of Science in Data Analytics (STEM)   June 2022
Clark University; Worcester, MA

Master of Science in Statistics   June 2021
Amity University Kolkata; India

Bachelor of Science in Statistics (HONOURS)   June 2019
University of Calcutta; India

RELEVANT SKILLS

Technical Skills: Applied Machine Learning, Python, SQL, SSMS, SPSS, Tableau, Tableau Prep, Oracle, R, Microsoft Office Suite, Data Visualization, Data Warehousing, Regression Analysis, Time series forecasting, Statistical analysis

PROJECTS

Time series forecasting of efficient ELSS mutual funds – An Indian Perspective
- Forecasted NAV values of some efficient ELSS mutual funds by using statistical techniques of time series ARIMA modelling in R and predict the future NAV.
- Conducted hypothesis testing for validating the model and testing for normality to ensure reliability so as to guide investors for future investments.
- Presented in the International Conference of Data Science & Applications 2021 (ICDSA).
- Publication of abstract at the Souvenir of ICDSA 2021 by Springer publications in the "Book of Abstracts" - https://www.icdsa21.scrs.in/kcfinder/upload/files/Souvenir_ICDSA%202021.pdf

Menace of the world – COVID -19
- Created an insight of the total Covid cases, Covid deaths, people getting vaccinated filtered by continents using Tableau
- Covid impact on several age groups, sex and comparison of Covid deaths with pneumonia and influenza deaths
- Comparison of Covid situation till November 30, 2021 in India and United States

EXPERIENCE

Tutor of Statistics at Preply
- Taught 12 students from varied subjects and cultures online through structured presentations and self-built materials ensuring detailed learning and clear concepts.
- Achieved 80% overwhelming positive feedback and an average lesson rating of 5.0 from students for providing proper supervision, guidance, and training.

Subject Matter Expert (SME) & Reviewer of Statistics at Innovalance Learning Systems Private Limited
- Solved statistical problems as Subject Matter Expert and assisted 11 junior experts as reviewer and provided training to new members.
- Illustrated proper, detailed and step by step solution for students needing help for lessons and homework
- Led, managed and trained team of 15 and reviewed answers before presenting final result to client
- Contributed to a 26% increase in client base providing customized and encouraging feedback to clients, which enhanced customer satisfaction resulting in more referrals; secured 4 experts to team.