

I am a Data Scientist searching for a teaching position in some reputed post-graduate institute.

WORK EXPERIENCE

Data Scientist BCS Technology

08/2017 – Present

Gurugram

Australian firm

Achievements/Tasks

- Victoria University in Australia was facing high student drop-out rate in the first year. Use case was developed on its big data platform to utilize available and new data to check this using predictive analytics.
- BCS Foresight: Internal development was done on the data available to the company from its clients to have predictive models of flight ticket prices and other parameters using predictive and machine-learning models.

EDUCATION

B.Stat(Hons) Indian Statistical Institute

07/2011 – 05/2014

Kolkata

Courses

- Statistical Methods
- Multivariate Statistics
- Mathematical Analysis
- Regression
- Linear and Abstract Algebra
- Statistical Inference
- Probability Theory
- Data Structures
- Official Statistics

M.Stat Indian Statistical Institute

07/2014 – 05/2017

Kolkata

Courses

- Time Series Analysis
- Advanced Regression
- Computational Finance
- Econometrics
- Large Sample Methods
- Complex Analysis
- Quantitative Finance
- Financial Econometrics
- Measure Theory

PREFERRED TEACHING COURSES

Statistical Methods, Inference, Regression, Time Series, etc

REFERENCES

Diganta Mukherjee, Sampling and Official Statistics Unit, Indian Statistical Institute

Contact: digantam@hotmail.com – 9339077727

Bimal Kumar Roy, Applied Statistics Unit, Indian Statistical Institute

Contact: bimal@isical.ac.in – 9748999946

SKILLS

MS Office

R

PUBLICATIONS

Peer-reviewed

Interlinkage Between Psychological and Network Characteristics

Author(s)

Abhishek Ray, Koushiki Sarkar, Diganta Mukherjee

2015

Studies in Microeconomics, SAGE

Groups of students surveyed in university campuses to come up with certain psychological and social metrics and understand the statistical relation between the two.

Peer-reviewed

Impact of Social Networks on Financial Decisions

Author(s)

Abhishek Ray, Koushiki Sarkar, Diganta Munkherjee

2015

Studies in Microeconomics, SAGE

FICO provided us with their sample credit scorecard and investigation was done on the addition of a social network variable as a regressor.

Peer-reviewed

Interplay of Identity and Social Network : A Methodological and Empirical Study

Author(s)

Abhishek Ray, Anirban Ghatak, Diganta Mukherjee

2018

Social Network Analytics, Elsevier

Social network metrics like intra and inter 'openness' and 'awareness' were calculated on a primary data set and identity parameters like caste, income, gender and religion were also studied to understand interdependence of network parameters and identity economics.

AWARDS

Scholarship (2012)

Jagadis Bose National Science Talent Search

CONFERENCES & COURSES

27th Jerusalem School in Economic Theory (07/2016)

Israel Institute for Advanced Studies

Event in UCL, LLN, Belgium (12/2014)

Center for Operations Research and Econometrics

INTERESTS

Statistical Research

Poetry

Tabla