Abhishek Guha

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Profile

- Analytics professional currently employed as Senior Advisor (Catastrophe Analytics) with Willis Towers Watson, a multinational risk management, insurance broking and advisory company.
- 2+ years of hands-on experience in mining and querying large datasets using SQL among other tools, and analysing data using statistical models to quantify financial risk from catastrophic perils to insurer portfolios.
- Postgraduate in Economics with a strong background in Economics, Statistics and Mathematics.

Work Experience

Senior Advisor (Catastrophe Analytics)–**Willis Towers Watson**, Mumbai

11th December, 2018 - Present

Responsibilities:

- Optimizing client's insurance underwriting portfolios to enable risk mitigation and profit maximization while incorporating catastrophe risk assumptions.
- Auditing risk exposures for insurers and creating data audit reports.
- Handling large datasets using SQL for mining and querying data.
- Analysing exposures using statistical vendor models such as RMS RiskLink and AIR Touchstone to estimate financial losses from catastrophic perils.
- Creating financial loss reports using Advanced Excel and performing data visualization tasks using tools such as SpatialKey and PowerBI to represent analytical insights that provide complete view of risk to support insurers' pricing and underwriting process.
- Assisting senior analysts on renewal projects as well as independently working on renewals in coordination with US analysts.

Trainee Associate (Catastrophe Analytics)–**Willis Towers Watson**, Mumbai

11th June - 11th December, 2018

Responsibilities:

- Undergoing on-the-job technical and project-based training for analytical duties as Senior Advisor.
- Assisting senior analysts on renewal projects.

Intern – **Concept Management Consulting Ltd**, Mumbai

24th May – 24th July 2017

Responsibilities:

Research work focused primarily on Real Estate sector among others, prepared reports and presentations on:

- Analysis of Real Estate Market in India.
- Affordable Housing Market in India.
- Risk Assessment for a men's cosmetics and grooming company.

Education

Degree	Subject	Institute/University	Year of Graduation	Percentage / CGPA
M.A.(Economics)	Economics	Mumbai School of Economics and Public Policy, University of Mumbai	2018	54.2% / 4.9
B.A. (Economics)	Economics	Elphinstone College (University of Mumbai)	2016	70.6% / 6.32
12th Class	Economics, Statistics, Mathematics, Computer Application	Nava Nalanda High School, Kolkata	2013	69.4%
10th Class	_	South Point High School, Kolkata	2011	68.4%

Technical Skills

- **SQL**
- **R Programming**
- **MS Office (Advanced Excel, Word, PowerPoint)**
- **VBA**
- **PowerBI**

Certifications

- **R Programming A-Z , R for Data Science**, Udemy
  - *Online course certification in R programming for Data Science.*

Academic Workshops

- **Research in Social Sciences** using **R**, Mumbai School of Economics and Public Policy
  - *Reading and analysing NSSO data and using R for statistical analysis.*

Extra-Curricular Activities

- Student Organizer – **Elphinomics 2013**
  - *Annual festival of the Department of Economics, Elphinstone College which included events such as Quiz, Essay Writing, Debate, Poster Making, Mock-Stock. Handled logistics, supervised and delegated tasks to volunteers.*

Languages Known

English, Hindi, Bengali