### Ashutosh Singh [ashutosh31051996@gmail.com](mailto:ashutosh31051996@gmail.com) • +44 7774982401 Catastrophe Risk Analyst - Treaty [LinkedIn](https://www.linkedin.com/in/ashutoshsingh5103/) • [Portfolio](https://ashutosh-analyst.github.io/) • London, UK

Analytical and results-driven Catastrophe Risk Analyst with over 3 years of experience in the property reinsurance sector. Proven expertise in delivering high-quality risk assessments using RMS (including HD) and AIR models. A highly efficient data analyst skilled in SQL, R, Python, and Power BI/Tableau, with a strong record of streamlining workflows, enhancing data quality, and supporting pricing and portfolio optimisation. Adept at translating complex catastrophe model outputs into clear, actionable insights for underwriters and senior stakeholders.

**QUALIFICATIONS**

**University of East Anglia – Norwich Business School, UK**

Master of Science in Business Analytics and Management

**Mumbai University, India**

Bachelor of Electrical Engineering

# **AREAS OF EXPERTISE**

* Catastrophe Risk Analysis
* RMS, AIR Modelling
* MS Excel, SQL, Python/R
* Property Treaty Reinsurance
* Data Visualization
* Statistical modelling
* Project & Stakeholder management
* Teamwork & Communication
* Stakeholder management
* Problem-solving & decision making

**IT SKILLS**

Technical Proficiencies:

# Microsoft 365 (Excel, Word, PowerPoint, Power BI), Tableau

# Programming: SQL, R/Python and Java

# Catastrophe Modelling: RMS RiskLink, RiskModeler, AIR Touchstone

# Data Visualization & Reporting: Power BI, Tableau, Excel

# Automation & Data Processing: Python, R, SQL

# **PROFESSIONAL EXPERIENCE**

Canopius Group, London, UK  
Catastrophe Risk Analyst Treaty April 2025 - Present

* Deliver catastrophe modelling and analytics for the Property Treaty portfolio using RMS (incl. HD) and proprietary tools, supporting pricing and underwriting decisions.
* Collaborate with underwriters to assess complex and non-modelled risks, integrating exposure management into risk selection processes.
* Develop and maintain SQL workflows to streamline data processes and enhance model input accuracy.
* Communicate modelling outputs and portfolio insights to senior stakeholders, contributing to strategic catastrophe management.
* Support the delivery of market-leading analytics through dashboarding and reporting tools.

Gallagher Re, Mumbai, India  
Catastrophe Risk Analyst | Senior Advisor December 2020 – September 2023

* Spearheaded multiple projects for key clients, improving catastrophe risk assessments and delivering real-time loss estimates during catastrophic events.
* Led data analysis and risk modelling using SQL, Python, Excel, Tableau/Power BI, and predictive models RMS & AIR to enhance risk evaluation and portfolio management.
* Automated data cleansing and standardization using SQL, reducing processing time by 40% and increasing overall productivity by 50%.
* Conducted in-depth portfolio analysis, prepared reports, and visualized loss trends to support underwriting and reinsurance decision-making.
* Proactively contributed to model change management, reducing impact assessment time by 25%, leading to faster adaptation and improved risk response strategies.
* Collaborated across teams to stay updated on business trends, ensuring data-driven decision-making and continuous process improvement.
* Managed renewal projects, provided stakeholder communications, and presented data insights with clear recommendations to senior decision-makers.

**Professional Development & Certifications**

* Certified Data Analysis Associate
* Project management Professional foundation

# **Continuing Professional Development**

# Leadership

# Risk management frameworks

# London Market Insurance

# Time management