

ISHANG MEHRA

374 Sri Nagar, Pitampura 110034, New Delhi | +91-9599755478 | ishangmehra93@gmail.com [in](#) [ishangmehra](#)

Professional Summary

Experienced Data Analytics and Data Engineering professional with 8.8 years of expertise in building scalable data solutions, developing analytical frameworks, and driving business intelligence strategies. Currently working at EXL Service as a **Manager / Senior Consultant**, leading cross-functional data initiatives for global clients. Proven ability to translate business needs to be found in technical solutions using tools like SQL, Python, Spark SQL, Azure, Power BI, and Microsoft Fabric. Skilled in managing end-to-end data pipelines, stakeholder collaboration, and delivering actionable insights that influence decision-making and optimize performance.

TECHNICAL SKILLS

Languages: Python, Spark SQL, Py-Spark

Tools: Microsoft Fabric, Salesforce Marketing, Web Analytics GA-4, Power BI, Tableau and Microsoft Office

Techniques: Linear Regression, Forecasting, Clustering, Segmentation

Functional: Market Mix Modelling, Multi-Channel Attribution, Pathways Analysis

Project Management Tools: Jira, Confluence

EXPERIENCE

EXL India Private Limited

Gurgaon, India

Senior Consultant

September 2022 - Present

- Designed and deployed serverless **ETL pipelines using AWS Glue**, facilitating high-performance data ingestion and transformation from Amazon S3 to SQL Server ensuring data integrity and SLA compliance.
- Engineered dynamic metadata-driven SQL frameworks to auto-generate Data Mart layers and reusable views, drastically reducing development time and enabling agile schema evolution.
- Migrated SSMS assets to Microsoft Fabric using **Spark SQL and Py-Spark**, enabling scalable, distributed data processing.
- Spearheaded the client's modernization to Microsoft Fabric, including end-to-end setup of Lakehouse, Warehouses, and Fabric Workspaces, aligned with industry-standard **medallion architecture (Bronze, Silver, Gold)**.
- Built robust data engineering pipelines within Fabric for data ingestion, transformation, and aggregation, integrating Dataflows Gen2, notebooks, and pipeline orchestration for a unified and automated solution.
- Worked in a fully **Agile environment**, actively participating in daily stand-ups, sprint planning, backlog grooming, and RDU structure meetings; updated tasks and user stories daily in JIRA to reflect progress, blockers, and sprint goals within a 3-week sprint cadence.
- Maintained comprehensive technical documentation on **Confluence**, capturing ETL designs, data pipeline architectures, migration strategies, and validation steps to ensure transparency, knowledge sharing, and long-term maintainability across teams.

WNS Global Services

Gurgaon, India

Senior Analyst

March 2022 - August 2022

- Built dashboards for loss estimates and global catastrophe modeling using Tableau.
- Lead industry exposure analysis, tapping niche markets and consulting with Lloyd's Syndicate underwriters for premium and loss estimates.
- Enhanced client's underwriting practices by over 50%, focusing on risk selection, capacity management, and catastrophe-driven insights.
- Led risk segmentation projects and mentored new hires in data platforms and tools. Revamped process to increase productivity from 40% to 85% and profitability 15%.

Risk Management Solutions, a Moody's Analytics company

Noida, India

Risk Analyst → Senior Risk Analyst → Technical Specialist

November 2016 – March 2022

- Developed scalable ETL pipelines and reporting solutions for natural catastrophe exposure analysis, supporting critical risk modeling processes.
- Built and maintained catastrophe modeling workflows to assess natural hazard exposures (e.g., earthquake, cyclone, flood) using RMS proprietary models and industry standard tools.
- Interpreted model outputs such as Average Annual Loss (AAL), Exceedance Probability (EP) curves, and PMLs to support underwriters and reinsurers in risk pricing and reinsurance decisions.
- Designed and optimized interactive Tableau dashboards for loss estimation and risk metrics, enabling data-driven decisions by senior management.
- Collaborated directly with clients to assess existing ASS Data Platforms, conduct gap analysis, and propose tailored BI and data analytics solutions.
- Utilized SQL (SSMS), Excel, and Tableau to generate portfolio insights for internal teams and quarterly business reviews (QBRs).

PROJECTS

Fortune 500 Clients, Insurance – Advanced Analytics

- Data Architecture/Data Engineering
- Test and Control Methodology
- Implementation of AI/ML Techniques
- Predictive Modeling through Linear Regression
- Descriptive Analytics in designing the dashboards

EDUCATION

Guru Gobind Singh Indraprastha University

New Delhi, India

B. Tech in Electrical and Electronics

August 2012 - June 2016

EXTRA-CURRICULAR ACTIVITIES & HONORS

EXL Services:

- 2024:** Received **Star Performer** for exceptional support and high standard delivery.
- 2023:** Received **Best Team Award in Analytics**, for team setup and delivering client reports ahead of proposed timeline.

Risk Management Solutions:

- 2021:** Received **Excellence & Star Award** for exceptional support, high-standard delivery and outstanding performance.
- 2019:** Received **Reward & Recognition Award** for exceptional leadership and excellence.
- 2018:** Received **Bravo Award** twice for leading teams and achieving excellence.