ISHANG MEHRA

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# EDUCATION

## Guru Gobind Singh Indraprastha University Delhi, India

B. Tech in Electrical and Electronics, Aug 2012-Jun 2016

## Hans Raj Model School Delhi, India

**XII** - Class, 74%, June 2012

**X** – Class, 80%, June 2010

# TECHNICAL SKILLS

**Languages**: Python, Spark SQL, Py-Spark, T-SQL

**Tools**: Microsoft Fabric, Python, SQL, Salesforce Marketing, Web Analytics GA-4, Snowflake 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

**Insurance Project** September 2022 – Present

* Spearheaded the client’s modernization to Microsoft Fabric, including end-to-end setup of One Lake Gen2 Data Lakes, Lakehouse Warehouses, and Fabric Workspaces, aligned with industry-standard medallion architecture (Bronze, Silver, Gold).
* Migrated legacy SSMS assets to **Microsoft Fabric** using **Spark SQL** and **Py-Spark**, enabling scalable, distributed data processing.
* Designed ETL pipelines using **AWS Glue** for ingestion from S3 to SQL Server.
* Documented architecture and workflows in **Confluence**; ensured full validation and reconciliation.
* 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.
* Delivered BI dashboards in **Power BI** and **Tableau** for KPIs and executive reporting.
* Actively worked in Agile setup using **JIRA** for sprints, stand-ups, and task tracking.

## Moody's Analytics Delhi, India

**Technical Specialist** 2020 – To 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 Noida, India

**Risk Analyst to Technical Specialist** 2016 – 2020

* Developed ETL solutions and reporting for natural catastrophe exposure analysis.
* Create optimized Tableau dashboards for loss estimates, offering key metrics to senior management for data-driven decisions.
* Engaging with clients to assess existing ASS Data Platforms, identifying pain points, and proposing optimal BI and Data Analytics solutions through GAP Analysis
* Used SQL, Excel, and Tableau for portfolio insights and quarterly business reviews.

# PROJECTS

## Retail 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

# EXTRA-CURRICULAR ACTIVITIES & HONORS

## EXL Services:

* **2024**: Received **Excellence & Star Award,** 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.