

ISHANG MEHRA

Manager

Dynamic and results driven professional with proven expertise in driving organizational value through advanced data analytics and engineering solutions; seeking challenging opportunities in Data Analytics within a reputable organization.

CONTACT

✉ ishangmehra93@gmail.com

☎ +91 9599755478

CORE COMPETENCIES

- Data Analytics
- Data Engineering
- Statistical Analysis
- Data Cleansing
- Computational Complexity
- Business Intelligence (BI)

SOFT SKILLS

- Change Agent
- Collaborator
- Communicator
- Innovator
- Planner
- Thinker

EDUCATION

- **2012-2016: B.Tech. (EEE)**
From Northern India
Engineering College, GGSIP
University, New Delhi.

TECHNICAL SKILLS

- **Programming Languages:**
Python, Spark SQL, PySpark, T-SQL.
- **Database Management:**
AWS, Fabric, MS SQL Server, Hive.

PROFILE SUMMARY

- Results Driven professional offering **9 years** of organizational experience in the field of **Business/Data Analytics and Data Engineering**.
- Rendered initiative-taking assistance in the definition of **Analytics Roadmap & development of Analytics COEs / KPOs for the clients; lead Descriptive, Diagnostic, Predictive, Prescriptive Analytics, solution development** using Advanced Analytics & AI/ML techniques on Big Data Stack by leading the team of professionals.
- Defined service standards and guidelines for **smooth delivery of end-to-end projects** while evaluating **risks, costs, resource requirements & schedules** and submitting delivery opinions.
- **Extended strategic insights to business stakeholders** to drive actions resulting in revenue enablement, cost optimization, cash flow release & process improvement; **hands-on experience in advanced analytical practices** such as predictive analysis, attribution modelling and customer profiling.
- **Supported majorly in the development of innovative business solutions** to improve product performance and reduce costs by leveraging combination of domain knowledge, Data Science & Data Engineering skills.
- Comprehensive Documentation Created Detailed Confluence pages covering **project scope, architecture, workflows, and automation processes** for easy reference.
- Integration with Jira: Linked Confluence documentation with **Jira tickets**, ensuring traceability of project tasks, issues, and enhancements.

WORK EXPERIENCE

Since 2022: EXL Service, Delhi as Manager

Insurance Project

Responsibilities:

- Architected and implemented domain-specific Data Marts in SQL Server for Client Insurance's Dental, Life, and Disability verticals, leveraging modular, parameter-driven SQL scripts to automate schema generation and view orchestration.
- 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.
- Spearheaded the client's modernization to Microsoft Fabric, including end-to-end setup of OneLake Gen2 Data Lakes, Lakehouse Warehouses, and Fabric Workspaces, aligned with industry-standard **medallion architecture (Bronze, Silver, Gold)**.
- Migrated legacy SSMS-based data assets to **Fabric using Spark SQL and PySpark**, re-implementing dynamic procedures and transformation logic to support scalable, distributed processing.
- 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.
- Established secure, role-based **Fabric Workspace governance**, enabling cross-functional access to curated data sets while adhering to data privacy and compliance requirements.

- **Project Management Tools:**
Google Packages, MS-Office, Excel, Jira, Confluence, Power Point Presentation.
- **Visualization & Dashboards:**
Tableau Desktop, Power BI

CERTIFICATIONS

- AICPCU – 2018, **Introduction to Risk Management & Insurance (RMI 315-H)**
- Coursera - Affiliated from University of Michigan – 2020, **Python for everybody**
- Udemy – 2020, **Tableau 2020 A-Z**
- Udemy -2025 **Microsoft Fabric**

INTERNSHIP

2015: Airport Authority of India, New Delhi – In Air Traffic Control Department (ATC).

PERSONAL DETAILS

Date of Birth: 23.11.1993

Languages Known: English & Hindi

Address: H. No. 374, Srinagar, Street No. 2, New Delhi - 110034

- Performed comprehensive end-to-end testing, validation, and reconciliation across all layers to ensure accuracy, completeness, and traceability, delivering a fully automated, production-grade data platform as a single-source-of-truth for the client.
- 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.
- 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.

Key Technologies: Microsoft Fabric, SSMS, PySpark, Spark SQL, Python, Tableau, AWS Glue, Power BI, Jira, Confluence.

Insurance Project Responsibilities:

- Analyzing functional and system requirements to devise a product roadmap for North America Casualty Reinsurance, covering Historical Premium, Losses Triangle, Large Losses, and Cyber Reinsurance for our client.
- Successfully delivering end-to-end automation project for North America Casualty business and Historical Premium, Losses Triangle, Large Losses, and Cyber Reinsurance by comprehensively understanding the process, data flow, and logic using legacy technology
- Developing stored procedures and ETL jobs on MS SQL Server, ensuring smooth data processing and validation.
- Translating business requirements into technical specifications, analyzing key KPIs and data sources.
- Creating BI visualizations, components design, data source creation, and naming to showcase data and related entities.
- Engaging with clients to assess existing ASS Data Platforms, identifying pain points, and proposing optimal BI and Data Analytics solutions through GAP Analysis.
- Designing and implementing Business Intelligence solutions utilizing modern tools like Power BI, Tableau, Alteryx, Python, and SQL/No-SQL databases.

PREVIOUS EXPERIENCE

Nov’2021-Mar’2022: RMS (A Moody's Analytics Co.), Noida as Technical Specialist

Nov’2016- Nov’2020: Risk Management Solutions, Noida

Growth Path:

Nov’2016 - Nov’2018: **Risk Analyst**
Nov’2018 - Nov’2020: **Senior Risk Analyst**
Nov’2020 - Mar’2022: **Technical Specialist**

Responsibilities:

- Lead industry exposure analysis, tapping niche markets and consulting with Lloyd's Syndicate underwriters for premium and loss estimates.
- Manage and train new hires in MS SQL, Tableau, Excel, re-insurance concepts, and catastrophic modeling.
- Enhanced client's underwriting practices by over 50%, focusing on risk selection, capacity management, and catastrophe-driven insights.
- Utilize Tableau for worldwide probable maximum loss due to major hurricanes and earthquakes, executing ETL via data pipelines.
- Create optimized Tableau dashboards for loss estimates, offering key metrics to senior management for data-driven decisions.
- Leverage Atlassian Tools (JIRA) for issue tracking and task management, ensuring team collaboration and efficient project completion.
- Develop and maintain portfolio reporting using MS SQL, Excel, and Tableau on a monthly and quarterly basis.

NOTABLE ACCOMPLISHMENTS ACROSS THE CAREER

- Recognized with an **'Excellence & Star Award'** at **EXL Service, Gurgaon 2024** for exceptional support and high-standard delivery.
- Achieved **'Best Team Award in Analytical Services'** at **EXL Service, Gurgaon 2023** for team setup and delivering client reports ahead of proposed timeline.
- Recipient of **'Excellence & Star Award'** at **Risk Management Solutions, Noida 2021** for exceptional support, high-standard delivery, and outstanding performance,
- Honored with **'Reward & Recognition Award'** at **Risk Management Solutions, Noida 2019** for exceptional leadership and excellence.
- Two-time recipient of **'Bravo Award'** at **Risk Management Solutions, Noida 2018** for leading teams and achieving excellence.