

Upasana Singh

Data Modeler

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Manama, Bahrain

Seasoned Data Modeler with 8+ years in IT, specializing in BFSI (Investment Banking, Insurance domain) Human Resources, Manufacturing and Life-sciences Domain. Experienced in SQL data analysis (Databricks, Apache HIVE, Oracle SQL Developer, Teradata), Power BI, RPA, and Quality Assurance. Exceptionally well in stakeholders management. Global exposure, with on-site assignments in Malaysia. Skilled in Agile processes. Proficient in SDLC, STLC, and manual QA (CMI Windchill, PTC Thingworx, CREO). Experienced in documenting requirements (BRD/PDD), test scenarios, and UAT support. Fundamental knowledge on Tableau, Azure, AWS Cloud, R, and Python.

Professional Experience

Tiger Analytics

May 2025 — Present

Data Modeller / Senior Data Engineer

Client : Royal FrieslandCampina (HR Domain)

- Good experience on Data modelling tools like ERwin and SQLDBM to create conceptual, logical and physical data models.
- Project is to migrate 9 HR data marts from Microsoft PowerBI to Azure Databricks.
- End to end collaboration with stakeholders and end users to understand the business requirement and migrate data model from Power BI to SQLDBM.
- To provide walkthrough of data models to Data engineer team and client team.
- To maintain data model metadata and STTM documents.
- Implementing reverse or forward engineering of data models wherever necessary.
- Practical understanding of Databricks AI/BI, Databricks lakehouse architecture.

Synechron Pvt Ltd.

December 2023 — May 2025

Data Modeler (Technology - Lead)

Client : CITI (Investment Banking Domain)

- Engaged in a CITI Olympus data fabric development project, focusing on data consumption and data flows to improve system architecture for consumers.
- Delivered individual data models, increasing client satisfaction and team efficiency through strategic planning and task management.
- Awarded Star Performer award for outstanding performance.
- Collaborated with business users, technical architects, and stakeholders to define data model requirements.
- Developed and maintained conceptual, logical, and physical data models using Advanced Excel, Citihawk Schema Browser Manager and ERD tool
- Conducted data profiling and analysis on Apache HIVE and Oracle SQL Developer tool.
- Applied best practices and standards for dimensional data modeling and documentation.
- Participated in data migration projects to integrate additional data attributes.
- Collaborated with data architects, engineers, and analysts to optimize data ingestion, transformation, and storage processes.
- Provided comprehensive walkthroughs on released data models to BA/SME/DEV teams.
- Managed data modeling artifacts using JIRA, Confluence, and Shared Drive.
- Demonstrated exemplary analytical, problem-solving, and communication skills.
- Effectively worked independently and in a team environment.

Client : Maybank (BFSI Domain)

- Teradata FSLDM and Star Schema Data Modeler/Data Mapper for Maybank BASEL regulations framework.
- Data loading in Teradata using Informatica powercenter session control. Perform Data Quality checks afterwards.
- Data Analysis and linkage validation on Teradata platform using SQL and follow FSLDM framework for Data Mapping for HIVE tables that utilized for Reporting purpose.
- Proficient in SQL validation and analysis using Apache HIVE
- Used shell scripts and PuTTY client for data loading in Apache HIVE Staging and FACT target tables and perform Data Quality checks.
- Collaboration with stakeholders to understand complete requirements.
- Implemented data attributes in existing mappings and created ETL mapping artifacts.
- Presented models for sign-off, supported development, bridged ETL and Business testing teams, resolved UAT issues, conducted UAT testing, and provided end-user support.

Acronotics Pvt. Ltd, Pune
Technical Business Analyst

May 2022 — October 2022

Client : Principal Global Services (Insurance Domain)

- Experienced in feasibility and technical analysis, UiPath Task Capture for task mining, and process documentation (BRD/PDD, test scenarios).
- Skilled in JIRA KANBAN for project tracking and monitoring RPA BOT deployments in Power BI.
- Proficient in creating process flow diagrams (AS-IS and TO-BE) with VISIO.
- Adept at using Confluence and SharePoint for documentation. Strong collaboration with cross-functional teams to meet technical and business requirements.

Tata Consultancy Services, Pune
Senior Analyst

January 2017 — April 2022

1. Project : Power BI Reporting on Medtronics Global Supply Chain Data

Client : Medtronics (Life-Sciences Domain)

- Experienced in Power BI reporting for global supply chain and inventory data analysis.
- Proficient with SAP HANA, SQL Server, Oracle, and Excel. Skilled in visualization, ETL processes, data modeling, and data integration using DAX queries and Power Query Editor.
- Expertise in data extraction and ETL from Microsoft SQL Server, Azure SQL Server, and Excel and publishing of BI reports on Power BI Service.

2. Project : Quality Assurance analysis on Windchill application (PTC tool)

Client: Cummins US (EIS/Manufacturing Domain)

- Strong background in SDLC and STLC, with expertise in manual QA analysis (CMI Windchill, PTC Thingworx, CREO).
- Proficient in testing with JSON/XML files, mainframe applications, and SQL query verification.
- Adept at requirement analysis, manual test case execution, bug tracking, and UAT support.
- Developed Tableau reports for quality analysis and client presentations.

3. Project: RPA Development for RBC Multifonds Application.

Client : Royal Bank of Canada (BFSI Domain)

Global Exposure : 7 months at Malaysia Location (On-Site Assignment)

- Automated web, mainframe applications, and Outlook, delivering 9 FTEs.
- Developed BOT User Manual, SDD, and TDD for RBC fund processing.
- Collaborated with SMEs, BAs, and process analysts to meet requirements and business expectations.
- Proficient in unit, integration, and system testing, with experience in stakeholder demonstrations.

4. Project : RPA Development for BaNCS application.

**Client : GE Digital & Friends Provident Fund
Management Services Ltd. (Insurance Domain)**

- BaNCS process and SAP automation,
- Experience with UiPath Studio and UiPath Orchestrator.
- Experience with maintaining SDD and TDD artifacts for FTE Automation.
- Experience with troubleshooting BOTs using JIRA and KIBANA

Education

B.Arch

NIT, Bhopal, Bhopal

Areas of Expertise

- Requirement Gathering
- SQL (Apache HIVE)
- Business Analysis
- Data Visualization
- STLC
- Excellent Communication Skills
- Agile Methodology
- Stakeholder Management
- Excel
- ETL
- Power BI
- Quality Assurance
- AWS Cloud Fundamentals
- Sharepoint/Confluence
- Data Modeling
- Data Analysis
- Data Warehousing
- SDLC
- JIRA
- Azure Fundamentals

Certifications

AWS Certified Cloud Practitioner - CLF-C01
DP-900 : Azure Data Fundamentals Microsoft Certified
AZ-900 : Azure Fundamentals Microsoft Certified
Certified Data Analyst (SQL, Excel & Tableau)
Azure Administration Essential Training