

Vismaya Prakashan

Business Analyst | Financial Data & Reporting Analyst

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SUMMARY

High-impact Business Analyst with nearly 4 years of experience bridging the gap between corporate finance functions and technology architecture. Specialist in mapping complex 'As-Is' to 'To-Be' financial workflows, eliminating operational friction, and establishing data fidelity. Proven track record of managing the end-to-end requirement lifecycle to automate reporting, compress financial close cycles, and unlock data-driven insights for executive decision-makers.

CORE SKILLS

- **Strategic Analysis:** Requirement Elicitation (BRD/FRD), As-Is/To-Be Workflow Mapping, Gap Analysis, Root-Cause Analysis, UAT Facilitation
- **Financial & Operational Analytics:** Financial Reporting Automation, Account & Transaction Reconciliation, KPI Architecture, Trend Analysis
- **Data Analytics & Visualization:** SQL, Tableau, Power BI, Advanced Excel, Data Visualization, Dashboard Development, Data Modeling, Trend Analysis
- **AI & Advanced Excel Analytics:** AI-assisted Analytics, Predictive Analytics, Excel Automation, Pivot Tables, Power Query, VBA Macros, Data Automation
- **Finance & Operations Analytics:** Financial KPI Reporting, Revenue Analysis, Operational Efficiency Analysis, Cost Optimization, Business Performance Monitoring
- **Tools & Platforms:** JIRA, Confluence, Visio, SQL Server, Python, Jupyter Notebook, GitHub
- **Methodologies:** Agile, Scrum, SDLC, ETL Pipelines, Data Warehousing, Medallion Architecture

WORK EXPERIENCE

Business Intelligence Engineer | GM Financials

July 2026 – Current

- Build and maintain Power BI dashboards and SQL reporting datasets to monitor retail loan and lease portfolio performance, including originations, delinquency trends, payment behavior, credit quality, and dealer activity.
- Partner with Finance, Credit Risk, Servicing, and Product stakeholders to translate business questions into reporting requirements, standardized KPI definitions, and actionable business intelligence solutions.
- Develop and optimize SQL queries and Databricks data workflows that integrate loan, lease, customer, vehicle, and dealer information for recurring operational and management reporting.
- Perform data validation and reconciliation across source systems and reporting layers, investigating anomalies and documenting business rules to improve the consistency of portfolio metrics.
- Analyze portfolio trends and performance drivers across credit segments, vehicle products, geographic markets, and dealer channels, presenting findings through interactive dashboards and executive-ready summaries.

Business Analyst Volunteer | University of Texas at Arlington

July 2025 – May 2026

- Optimized institutional budget allocation by collaborating with academic stakeholders to architect core financial and operational KPI models, transforming raw data into planning insights.
- Compressed reporting latency by an estimated 25% across departments by executing deep-dive gap analyses on legacy workflows and stripping out redundant manual data steps.
- Ensured 100% deployment fidelity for enterprise dashboards by structuring, managing, and executing User Acceptance Testing (UAT) protocols with senior department heads.
- Eliminated scope creep by owning the requirements lifecycle, translating ambiguous stakeholder requests into crisp, trackable Agile user stories and functional specifications in Jira.

Student Assistant | University of Texas at Arlington

June 2024 – May 2025

- Mitigated procurement waste and optimized departmental spend by running root-cause analyses on inventory variances and designing the logic for an automated stock-tracking solution.
- Maximized capital efficiency across 20+ institutional events by engineering data-driven scheduling frameworks and operational checklists that protected event ROI.
- Reclaimed 10 hours of monthly administrative capacity by developing automated Excel VBA macros and Power Query data ingestion pipelines for executive reporting.

Business Analyst | Goldman Sachs

India, June 2022 – July 2023

- Accelerated enterprise analytics scoping by designing and facilitating alignment workshops with Finance Directors to pin down business requirements for high-stakes reporting streams.

- Slashed manual data-entry time by 30% by mapping complex cross-functional financial workflows in Visio and architecting streamlined 'To-Be' technical operational models.
- Protected project delivery timelines on a core financial data automation initiative by authoring comprehensive BRDs, FRDs, and traceability matrices that synchronized business intent with engineering output.
- Recovered 15+ operational hours per week for core teams by standardizing global KPI definitions and automating month-end reporting cycles via Power BI and Tableau.
- Elevated reporting data accuracy to 99%+ by leading high-volume transaction reconciliation data validations and systematically engineering out systemic data anomalies.

Project Coordinator Intern | ITC Infotech

India, Jan 2022 – May 2022

- Aligned enterprise technology rollouts with corporate budget constraints by acting as the primary requirements conduit between finance, project management, and software engineering teams.
- Secured 100% regulatory and functional compliance across active sprint cycles by translating business needs into clean process diagrams and technical documentation.
- Enhanced expenditure visibility for leadership by managing project telemetry dashboards, dependency roadmaps, and risk logs within Jira and Confluence.

PROJECT

Workforce Trends and Performance Analysis |Tableau, Excel

Dec 2025 – Jan 2026

- Analyzed 1.5K+ HR records to identify hiring, attrition, demographic, performance, and salary trends.
- Built Tableau visuals with 4+ dynamic filters, enabling HR teams to explore insights 60% faster.
- Uncovered 18–25% salary gaps, education-based performance patterns, and key workforce demographic insights.

SQL Server Data Warehouse | Medallion Architecture, ETL, Star Schema Modeling

Jul 2025 – Aug 2025

- Designed and implemented a SQL Server Data Warehouse using the Medallion architecture (Bronze, Silver, Gold) with modular SQL scripts for scalable data pipelines.
- Built custom ETL workflows using a truncate–insert full-load strategy and modeled a star schema with window functions and metadata tracking for scalable analytics.

AI Mental Health Companion for Migrants | AWS, Llama3

Jun 2025 – Jul 2025

- Designed a serverless architecture using AWS Lambda, S3, Transcribe, and DynamoDB to transcribe multilingual audio, detect distress signals, and store anonymized metadata.
- Integrated Bedrock’s Llama 3 model to provide empathetic, multilingual responses for mental health support.

Fake Job Posting Detection with Dialer-Based System | Jupyter, Data Mining

Dec 2024 – Feb 2025

- Applied classification models, regression techniques, and SMOTE for anomaly detection on 500K+ records, showcasing model validation and testing workflow

EDUCATION

University of Texas | Arlington , USA
Master of Information Science

Aug 2023 – May2025

Pillai University | India
Bachelor of Engineering, Electronics and Telecommunication

Aug 2018 – May 2022