

MOUNIKA BOGGADA

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PROFESSIONAL SUMMARY

Data Analytics and Reporting professional with a strong foundation in risk, regulatory, and portfolio data analysis, supported by hands-on experience in SQL-based data extraction, validation, reconciliation, and reporting. Experienced in analyzing loan, portfolio, and financial datasets, identifying data quality issues, and delivering accurate, audit-ready reports for internal stakeholders. Demonstrated ability to support risk management, regulatory reporting processes, and data governance practices in compliance-driven environments. Comfortable working independently while collaborating across cross-functional teams to deliver timely and reliable reporting solutions.

CORE COMPETENCIES

Data Analytics & Reporting

- Risk & Regulatory Reporting Support
- Data Sourcing, Validation & Reconciliation
- Portfolio, Loan & Financial Data Analysis
- Trend, Variance, KPI & KRI Analysis
- Scheduled & Ad-hoc Reporting

Technical & Tools

- SQL (complex joins, aggregations, validation queries)
- Python (data analysis, automation, reconciliation checks)
- Power BI (operational & management dashboards)
- MS Excel (advanced formulas, pivots), Word, PowerPoint
- SharePoint & reporting documentation workflows

Governance & Risk

- Data Quality Controls & Monitoring
- Data Governance Principles
- Audit Support & Documentation
- Regulatory & Policy Interpretation (foundational)

PROFESSIONAL EXPERIENCE

Software Engineering Intern | Vvision Technologies Inc. (Remote, Texas) | Sep 2025 - Present

- Developed and supported data-focused software components using Python and SQL to enable reliable extraction, validation, and preparation of analytics-ready datasets.
- Implemented data validation and reconciliation logic within reporting workflows to ensure accuracy, completeness, and consistency of structured datasets.
- Analyzed operational and financial data produced by internal systems to identify data quality issues, variances, and trends, escalating material findings as needed.
- Built and maintained reporting datasets and dashboards that supported internal performance monitoring and management decision-making.
- Supported scheduled and ad-hoc reporting processes, ensuring timely delivery of accurate reporting outputs.
- Automated recurring data preparation and reporting tasks, reducing manual effort and improving efficiency and reliability of reporting pipelines.
- Collaborated with cross-functional teams to document system data flows, data definitions, validation rules, and reporting logic, supporting governance and audit readiness.

System Administrator | Kautilya Institution | Tirupati, India | June 2022 – July 2023

- Administered and supported institutional ERP and operational systems, ensuring data integrity, availability, and reliability for downstream reporting and analysis.
- Extracted, organized, and validated data from multiple systems to support management reporting and operational decision-making.
- Performed data reconciliation and consistency checks across finance, student, and operational datasets to ensure accuracy and completeness of reported information.

- Generated periodic and ad-hoc reports, highlighting trends, exceptions, and data discrepancies for leadership review.
- Maintained documentation for data definitions, reporting procedures, and system controls, supporting internal reviews and audit readiness.
- Partnered with administrative and technical teams to standardize reporting formats, improve data quality, and streamline recurring reporting processes.
- Ensured compliance with internal procedures related to data handling, access controls, and system usage, reducing operational and reporting risk.

PROJECTS

Operations Inventory & Data Reporting System (Independent Project)

- Designed and implemented a data reporting solution to analyze inventory usage, waste patterns, and ordering inconsistencies for a small operational environment.
- Collected, structured, and maintained transactional and inventory datasets, performing data validation and reconciliation checks to ensure accuracy and completeness.
- Used SQL and Python to analyze trends in inventory consumption, variance, and reorder frequency across time periods.
- Built summary reports and dashboards highlighting data quality issues, variances, and operational inefficiencies for stakeholder review.
- Documented data sources, assumptions, and reporting logic to support repeatable, controlled, and auditable reporting processes.
- Delivered reporting insights that improved consistency in operational planning and enhanced visibility into data quality and reporting accuracy.

Portfolio Data Analysis & Reporting Project

- Analyzed structured portfolio-style datasets as part of graduate coursework, focusing on data accuracy, consistency, and reporting readiness.
- Performed data extraction, transformation, and validation using SQL to ensure completeness of key data elements.
- Conducted trend and variance analysis across reporting periods and summarized findings in management-style reports.
- Developed ad-hoc and recurring reports to support portfolio monitoring and analytical review.
- Applied foundational data governance and reporting concepts learned through coursework.

EDUCATION

University of Illinois Chicago

Master of Science in Computer Science

Chicago, USA

August 2023 – May 2025

Panimalar Engineering College

Bachelor of Engineering in Computer Science

Chennai, India

2018 – 2022

CERTIFICATIONS

- IBM Data Engineering Foundations
- Google Data Analytics Certificate
- Microsoft Learn - Power BI Data Modeling & Reporting