

# Mary Anna Kivenson

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Results-oriented and accomplished data analytics professional with a Master's degree in Data Science and nine years of experience leveraging data-driven insights for business growth and continuous process improvement.

## SKILLS

Python, SQL, Snowflake, R, Tableau, Power BI, SQL Server, SSRS, SSIS, Excel, MS Access, Shiny, Dash, JIRA, Confluence, Git, Private Equity, Financial Services

## EXPERIENCE

### Data Analytics Team Lead, Private Equity Lending

Feb 2022 - Present

First Republic Bank, New York, NY

- Accelerated the onboarding process of a team of four data analysts by creating robust documentation, leading daily shadowing sessions, and offering office hours, resulting in the team being fully trained 3 months ahead of schedule.
- Simultaneously fulfilled management responsibilities, including conducting code reviews and overseeing sprint planning, while consistently delivering Python automation projects and operational Tableau and SSRS reports.
- Scheduled reporting jobs and developed internal web applications using a Python analytics platform. Pioneered its use in the department by creating training materials, code samples/templates, and a standardized SDLC process.
- Developed an internal Python web application that automated the generation of loan-to-value statements for hundreds of private equity firm clients, reducing the time spent on manually creating statements by 95%.
- Successfully migrated more than 50 stored procedures, Tableau dashboards, SSRS reports, and Python scripts from SQL Server to Snowflake. The migration reduced daily data warehouse refresh duration from 5 hours to less than 20 minutes, resulting in a significant improvement in system performance.

### Data Analyst, Private Equity Lending

Aug 2019 - Jan 2022

First Republic Bank, New York, NY

- Established a robust data warehouse in SQL Server, consisting of over 50 stored procedures, tables, and views. The data warehouse reduced query development times for ad-hoc requests by 90%, improved Tableau data source performance, and accelerated data driven decision-making.
- Implemented solutions using Python to automate reporting to private equity firms and streamline data clean-up processes, resulting in a monthly reduction of over 120 hours spent on manual data processing and validation.
- Developed and implemented an automated workflow process that delivered personalized email alerts to over 80 credit analysts regarding regulatory deadlines for loan applications in their respective pipelines.
- Designed and distributed a tailored lending clientele report using SSRS, assisting over 200 relationship managers in effectively growing deposits, cross-selling products & services, and improving household acquisition.
- Gathered requirements from various lines of business to produce an inventory of over 60 interactive Tableau views, enhancing visibility into department data such as loan pipelines, deposit production, and return on equity KPIs.

### Operations Analyst, Energy Efficiency Demand Management

Sep 2018 - Aug 2019

Con Edison, New York, NY

- Designed and implemented Tableau reports to track savings, expenditures, and forecasts for the Small Business Energy Efficiency Program, enabling stakeholders to monitor performance and make data-driven decisions.
- Developed Python scripts to perform ETL tasks, extracting small business data from an API and inserting into SQL Server tables to ensure the accuracy and timeliness of internal databases.
- Reviewed and validated over 20 million dollars of invoice payments in Salesforce across various energy efficiency programs; reconciled an average of 50 data discrepancies in project submissions each month.

### Analyst Aide, Project Management

Jul 2014 - Aug 2018

Con Edison, New York, NY

- Enhanced the field visit process by creating interactive Tableau dashboards used by more than 50 work managers weekly, resulting in a significant reduction in time spent on scheduling and increased efficiency during site visits.
- Effectively trained and supervised a team of six aides to perform accurate data collection for tracking inaccessible company asset locations, resulting in the elimination of redundant site visits and cost savings of up to \$6 million.
- Implemented Excel formulas, macros, and VBA automation techniques to achieve a 75% reduction in time spent on organization-wide project management reporting.

## EDUCATION

### Master of Science in Data Science, CUNY School of Professional Studies, New York, NY (3.97 GPA)

- Elective Coursework: Predictive Analytics, Recommender Systems, Machine Learning and Big Data

### Bachelor of Science in Applied Mathematics, Brooklyn College, Brooklyn, NY (3.53 GPA)

- Macaulay Honors Student, Computational Physics Research Assistant