

SAM SAHA

US Authorization: U.S CITIZEN

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Address: Burlington, MA

SKILLS

Programming Languages: Python (Pandas, Requests), SQL, PowerShell

Data Visualization/Integration: Databricks, Microsoft Power BI, Tableau

Tools/Apps: Snowflake, SAP Business Warehouse Data Modeling

Frameworks: Data modeling & normalization, ETL, Business Process Modeling Notation (BPMN), SDLC

Other Skills & Platforms: PeopleSoft, IBM Maximo, Jira, Jupyter Notebook, Microsoft Excel, Katalon, Linux and Windows operating system, Epic software, Honeywell System, PowerApps 911, ServiceNow, Power Query

EXPERIENCE

Renuity Operations LLC - Production & Scheduling Team

Woburn, MA

Data Analyst I

June 2025 – Current

- Managed and tracked completion documentation for 50+ weekly installation jobs within Lead Perfection (LP), ensuring accurate work orders, installer assignments, and job records were up to date at every stage.
- Produced SQL Server database queries and stored procedures to produce reports for data error review, removing 33% of flawed elements from the data load.
- Coordinated between schedulers, installers, and customers using Lead Perfection to monitor job status, flag outstanding completion documents, and ensure sign-off before project close-out.
- Convert manual reporting into automated weekly open order reports by creating Snowflake queries and connecting to Excel workbooks via Power Query, enabling automating refresh, reducing reporting cycle time by 24+ hours weekly.
- Applied VLOOKUP and INDEX-MATCH formulas to reconcile installer assignments, scheduling data, and job completion records pulled from Lead Perfection across multiple spreadsheets.
- Designed a monthly Power BI report in Excel tracking scheduler call volumes and installer production rates (bath, shower, and window jobs) to surface performance trends and operational gaps for field managers.

National Grid - Performance Lab Team

Waltham, MA

Business Intelligence Intern

Oct 2024 – April 2025

- Mapped the Pay-by-Bank customer journey by analyzing 6K+ payment sessions with SQL and advanced Excel (pivot tables, VLOOKUP, INDEX-MATCH) to clean and transform raw data and isolate funnel drop-offs, driving targeted product fixes now in A/B testing.
- Built Power BI dashboards with decomposition trees, KPI cards, and trend lines to track success, failure, and abandonment rates, giving leadership real-time visibility into the conversion funnel.
- Analyzed Advanced Metering Infrastructure (AMI) data and backend utility systems to surface anomalies in customer and meter records, and produced weekly performance reports on key metrics, error rates, and user behavior trends to support data-driven decisions.
- Designed Power BI scorecards covering 60+ suppliers across 16 KPIs, integrating Snowflake data with complex DAX measures so execution-level staff could make data-driven decisions.

Columbia Threadneedle Investment - Data Team

Boston, MA

Global Data Strategy (Summer Intern)

May 2024 – Aug 2024

- Developed a dynamic Excel-based 2024 Work Forecast allocation tool with pivot tables and conditional formatting, improving scheduling accuracy by 25% and optimizing resource allocation across 3 business units.
- Maintained the Authoritative Source Master spreadsheet of 1,200+ entries, ensuring 100% consistency across internal data platforms.
- Conducted a Training Needs Analysis (TNA) for the Onshore Level 2 Team in Gurugram, India, identifying 7 key skill gaps and recommending targeted learning programs that increase team efficiency by 15%.
- Built an interactive Power BI dashboard with Python-based data modeling, integrating 4 sources to track KPIs and automate trend analysis, reducing manual reporting time by 30%.

EDUCATION

University of Massachusetts Boston | Bachelor of Science in Information Technology, Business Intelligence Concentration