

ANUPAMA BHATTA

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Portfolio: anupamabhatter.github.io • Authorized to work in the United States – no sponsorship required

SUMMARY

Senior Data Analyst with 6+ years across healthcare technology and academia. Spent three years in solutions engineering at Loyal Health before earning an MS in Information at the University of Michigan, serving as a Graduate Teaching Assistant throughout, teaching Python and SQL to 500+ students. Returned to Loyal to lead reporting, merging three analyst roles into one and saving 80+ hours monthly. Most recently architected utilization management analytics at Latitude Health, from dataflows to semantic models.

SKILLS

Programming Languages: Python, SQL, R, JavaScript, Java

ML & Analytics: pandas, NumPy, scikit-learn, PyTorch, TensorFlow, SciPy, XGBoost, NLTK, LangChain, Spark, PySpark, Mixpanel

Data Visualization & BI: Power BI (Desktop, Service), DAX, Power Query, Tableau, Looker Studio, Matplotlib, Plotly, Excel

Databases & Cloud: PostgreSQL, MySQL, MongoDB, Snowflake, Microsoft Fabric (Warehouse, Dataflows), AWS, Azure

Development Tools: Git, GitHub, Jira, VS Code, DataGrip, Jupyter, Docker, Claude, Claude Cowork, GitHub Copilot, React, Next.js

Healthcare Domain: Utilization Management (UM), Prior Authorization, PACE, SLA and TAT Reporting, HIPAA, PHI

Certifications: Advanced Google Analytics Certificate, Google Data Analytics Professional Certificate, HIPAA Compliance Training

EXPERIENCE

Latitude Health, San Francisco, CA (Remote)

August 2026 – Present

Senior Data Analyst (Contract)

- Architected two client-facing Power BI products end to end, writing Power Query dataflows on each client's production PostgreSQL database, loading a Fabric Warehouse, and modeling the relationships and DAX measures behind each report.
- Built a six-page failover report on a nine-table model tracing each faxed prior authorization from SFTP receipt to case creation and exceptions, refreshed hourly, with DAX benchmarks showing ~200 hours saved in month one versus manual intake.
- Translated a PACE client's 10 utilization management KPIs and 7 SLAs into a seven-page dashboard on separate case and review tables, applying SLA targets by case type and priority, with tiered alerts so nurse managers can act before cases breach.
- Traced and fixed accuracy issues across both builds, including retro reviews scored as undecided, a timezone offset, and an inflated intake count, then documented each data model and metric for handoff, with field mappings validated by the client.

Loyal Health (a Clarify Health company), Atlanta, GA (Remote)

August 2025 – August 2026

Senior Data Analyst (Contract)

- Led a two-year retrospective business review for an at-risk health system, reframing four solutions around delivered value, quantifying ~\$10M in campaign-driven encounter value, 2.3M care searches, and 1 in 4 HRA completers booking care.
- Drove design, development, and centralization of client reporting infrastructure by rebuilding reports natively in Power BI and deploying to Power BI Service, consolidating a three-analyst function into one operation and saving 80+ hours monthly.
- Reverse-engineered undocumented legacy SQL powering 10 dormant healthcare reports, tracing 15+ data integrity issues to source, correcting join, filter, and status logic, and restoring all 10 reports to on-time delivery in half the planned time.
- Delivered 45 recurring healthcare client reports across Power BI and Looker Studio, authoring SQL, DAX measures, and Power Query transformations each cycle, reducing maintenance hours by 59% through automation and documenting each solution.

University of Michigan School of Information, Ann Arbor, MI

August 2023 – May 2025

Graduate Teaching Assistant

- Built course materials and led office hours and code reviews for 500+ undergraduate and graduate students in three applied data science courses on Python and SQL for two years; nominated for the Outstanding Graduate Student Instructor Award.

Loyal Health (a Clarify Health company), Atlanta, GA (Hybrid)

August 2020 – May 2023

Senior Solutions Analyst (Promoted from Solutions Analyst in May 2022)

- Implemented bi-directional Python API integrations syncing healthcare provider data between enterprise SQL databases and major search engines including Google and Bing, ensuring 99% data accuracy for 35+ health system clients.
 - Developed automated SQL validation protocols including schema verification, duplicate detection, and cross-platform consistency checks for 3,000+ healthcare providers and locations, reducing system errors by 75% through process automation.
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PROJECTS

- **[Jane Addams Digital Edition](#):** Built a full-stack Python tool parsing 55,000+ historical documents into the interactive correspondence network linked here, part of a digital edition with a RAG chatbot, adopted by the Jane Addams Papers Project.
 - **[Office Meeting Success Predictor](#):** Developed a full-stack Python NLP tool segmenting raw dialogue via a custom detection algorithm and training a logistic regression classifier achieving 77% accuracy behind an interactive prediction interface.
 - **[Global Diet & Longevity Analysis](#):** Built four interactive Tableau dashboards analyzing 60 years of FAO and WHO dietary and life expectancy data across 190+ countries, linking Shannon-index macronutrient diversity to longevity in a case study.
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EDUCATION

University of Michigan School of Information, Ann Arbor, MI

May 2025

Master of Science in Information, Big Data Analytics | GPA: 3.9/4.0

Wesleyan College, Macon, GA

May 2020

Bachelor of Arts in Applied Data Analysis, Minor in Economics | GPA: 4.0/4.0 | President's Scholar