

Bhargavi G

bhargavi.gt504@gmail.com | 475-209-0450 | Authorization: H4 EAD (No sponsorship required)

[Portfolio: bhargavi-analytics.vercel.app](https://bhargavi-analytics.vercel.app)

Professional Summary

Data & BI Analyst with 5+ years of experience transforming complex healthcare and civic datasets into actionable insights. Expert in SQL, Power BI, Tableau, and end-to-end dashboard/reporting pipelines. Skilled in KPI development, DAX, Power Query, ETL automation, and executive storytelling. Proven track record of saving time, cost, and resources through clean analytics systems.

Core Competencies

Languages & Tools: SQL (T-SQL, PL/SQL), DAX, Power Query (M), Python

BI & Visualization: Power BI (Desktop/Service), Tableau, SSRS, Excel, Looker Studio

Databases & ETL: SQL Server, Oracle, MySQL, DBT, Azure Data Factory, Redshift, SSIS, Alteryx

Cloud & Automation: Azure, AWS (Glue), Power Automate, Power Apps, SharePoint Online

Methods: KPI design, dimensional modeling, star schema, self-service BI, stakeholder engagement

Experience

Business Intelligence & Reporting Analyst – Healthcare Analytics

UnitedHealthcare | MN, USA | Feb 2023 – Present

- Spearheaded the design and delivery of **enterprise BI dashboards** for UHG's mobile/web product teams, enabling **real-time visibility into QA workflows** and improving decision-making for teams serving millions of healthcare members.
- Built **Power BI solutions to track internal asset maintenance** trends (via Emaint), including **equipment repair forecasting, inspection lag alerts, and replacement tracking** — simulating a Maximo-style lifecycle model for clinical equipment.
- Led the end-to-end implementation of **automated test case analytics** using Power BI and Python-parsed **DataDog logs**, reducing manual QA reporting by ~50 hours per quarter and enhancing software release efficiency.
- Architected **self-service BI environments** using Power BI Report Builder, SQL (T-SQL), and Power Query — empowering analysts and product owners to access metrics independently with audit-ready logic.
- Partnered with finance, compliance, and QA stakeholders to **streamline billing pipelines**, enforce KPI governance, and improve executive reporting accuracy across teams.
- Delivered **executive dashboards on provider utilization, patient wait times, and claims SLAs**, directly supporting leadership in **data-driven operational strategy**.
- Currently leading the prototype of a **ChatGPT-integrated BI assistant**, enabling users to interact with Power BI and SQL metrics using natural language — a cross-functional pilot unifying LLMs with secure data access.

Data Analyst & BI Developer – IT Services & Client Solutions

Algonox Technologies | India | Jun 2017 – Dec 2020

- Built custom BI dashboards for HR, Finance, and Ops functions using Tableau, SQL, and Excel Power Pivot.
- Migrated Oracle Discoverer reports to Tableau, improving performance and reducing licensing costs.
- Led ETL development using SQL-based pipelines powering client-facing dashboards.
- Automated report scheduling via Tableau Server and SSRS.
- Facilitated BI requirements workshops and trained stakeholders on dashboard usage.

Highlight Projects

Portland Asset Management Dashboard (City Infrastructure BI)

Power BI | Civic Analytics | Asset Risk & Maintenance | [Download PDF](#) | [Live Power BI Dashboard](#)
2025

- Developed a **Maximo-style asset management dashboard** using PBOT's 191K+ sign inventory from Portland's open GIS dataset.
Simulated infrastructure KPIs including **inspection lag, condition-based risk scores, replacement gaps, and ownership distribution**.
- Designed **geospatial visuals** and slicers in Power BI using inspection timelines, material types, and illumination features.
- Published the dashboard and PDF brief to demonstrate city infrastructure BI capabilities and Maximo-aligned asset tracking logic.

Tools: Power BI, DAX, Power Query, Map Visuals, Open GIS (GeoJSON), Excel

Portland Mobility Dashboard (Civic Analytics)

Power BI | Public Sector | Urban Mobility | [Download PDF](#) | [Live Power BI Dashboard](#)
2025

- Built a Power BI dashboard analyzing Portland's **traffic volume, crash corridors, and infrastructure coverage** using four public datasets.
- Modeled vehicle class counts, crash types, traffic signals, and neighborhood boundaries using Power Query and DAX.
- Delivered **interactive maps, heatmaps, and time-series trends** to highlight traffic patterns and mobility equity issues across regions.
- Published to the web with accessible slicers and KPIs tailored for civic storytelling and public-sector data transparency.

Tools: Power BI, DAX, Power Query, Map Visuals, Open GIS (GeoJSON), Excel

Education

M.S. in Computer Science

University of New Haven, Connecticut, USA (Jan 2021 – Dec 2022)