

# Bryce Russell-Benoit

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brycecubes.github.io/BrycePortfolio

## Education

<b>Northeastern University</b> , Boston, MA <i>Master of Science in Urban Informatics</i> Relevant Coursework: Big Data for Cities, Machine Learning, Data Visualization GIS for Urban Planning, Computational Statistics, Urban Theory	Dec 2024 GPA: 3.96
<b>Northeastern University</b> , Boston, MA <i>Graduated Cum Laude with a Bachelor of Science in Business Administration and Computer Science</i>	May 2021

## Technical Skills

<b>Languages:</b>	<i>Experienced:</i> R, Python, SQL <i>Familiar:</i> C++, Javascript, CSS, HTML, Java
<b>Software:</b>	ArcGIS, QGIS, R Studio, Microsoft Excel (Advanced), Microsoft Office, Jupyter, Snowflake, Power BI, Tableau, Visual Studio Code, Git, MySQL
<b>Databases:</b>	SQL, SAP HANA, SAP HANA Cloud, Redis, MongoDB, Neo4j

## Experience

<b>City of Boston</b> , Boston, MA <i>Research and Evaluation Fellow</i>	Sep 2025 – Present
<ul style="list-style-type: none"><li>Designed automatically updating report on ZenCity community survey results to highlight how residents feel about City programs and services to identify areas of need and help close communication gaps with constituents.</li><li>Produced several ad-hoc reports and analyses to assist with time-sensitive projects and decisions such forecasting SNAP recipients to estimate the potential impact of lost benefits on a city and neighborhood scale.</li><li>Created Snowflake queries and procedures to routinely update Boston-specific data tables in the Cuebiq cloud environment to track recent trends in downtown recovery.</li></ul>	
<b>Boston Area Research Initiative (BARI)</b> , Boston, MA <i>Research Assistant</i>	Jan 2024 – Dec 2024
<ul style="list-style-type: none"><li>Lead development and maintenance of code base to assess local disparities in climate resilience and identify drivers and policy levers.</li><li>Created multi-level models to examine the impact of local and regional factors on heat and air pollution.</li><li>Developed method for approximating street width using structure data to categorize the air flushing regime and estimate air pollution exposure risk.</li></ul>	
<b>Protiviti</b> , Boston, MA <i>Technical Consultant</i>	Aug 2021 – Dec 2022
<ul style="list-style-type: none"><li>Designed full suite of customer metric dashboards in Power BI to explore tabular data and visualizations that were used to help identify trends in customer behavior.</li><li>Developed several applications using VBA for Excel to accept and process input from business users that would then enter an ETL pipeline.</li><li>Built process in SAP Data Services to read csv data to be combined and processed into multiple different SAP HANA tables and views.</li></ul>	
<b>Benefits Science Technologies</b> , Boston, MA <i>Technical Consultant</i>	Jul 2020 – Dec 2020
<ul style="list-style-type: none"><li>Diagnosed and resolved production issues on clients' Tableau pages to cater to specific data needs.</li><li>Developed reports for account managers about status of issues and delegated fixes to other teams when necessary.</li><li>Prepared and coordinated monthly release rollout to all clients and recorded any errors to be addressed later.</li><li>Leveraged Python scripts to make changes across hundreds of Tableau sites.</li></ul>	

## Interests and Activities

- I love to play video games and cook with my wife.
- I'm very passionate about urban design and transportation and love learning about its history, present, and future.