# Michael Beauchamp

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## SUMMARY

M.S. in Data Science graduate from Northwestern University with a passion for leveraging data-driven insights to solve complex business problems. Proficient in Python, SQL, R, and data visualization tools. Seeking a Data Science role to utilize my expertise in data analysis, statistics, and data visualization for infrastructure optimization and informed decision-making.

## EXPERIENCE

**Carrier Corporation** — Indianapolis, IN
Senior Analyst, Supply Chain Intelligence — Dec 2011 - Present

- Led ICP SAP Web Intelligence reporting, enhancing supply chain decision-making.
- Architected data dimensions and measures for SAP BW, optimizing demand planning and forecasting.
- Managed SAS data extraction for SAP R/3 loads and developed ETL routines for SAS data warehouse.
- Created tools for pricing optimization, boosting profits and sales margins.

**UnitedHealth Group – Optum** — Franklin, TN
IT Business Analyst — May 2011 - Dec 2011

- Developed robust stored procedures for Medicaid data matching, ensuring accuracy and comprehensive coverage.
- Conducted rigorous QC on data sets and collaborated with data transformation team for seamless data loads.

**MRC Global** — Tulsa, OK
Business Systems Analyst — May 2008 - Sep 2009

- Translated executive requirements into data warehouse design, created ER diagrams for ETL team.
- Ensured impeccable data quality through meticulous source analysis, cross-table integrity, and key validation.

**The Rowland Group** — Tulsa, OK
Software Engineer — Nov 2007 - May 2008

- Web-enabled mainframe systems with Adobe Flex, improved product group pricing applications.
- Developed dynamic web applications using HTML, JavaScript, ColdFusion, and SQL.

**DataCom, Inc.** — Broken Arrow, OK
Software Developer — Nov 2006 - Nov 2007

- Utilized ASP.NET and C# to create web pages and develop contract and revenue applications.

**Northeastern State University** — Tahlequah, OK
Programmer Analyst — May 2001 - Nov 2006

- Automated Oracle SIS installation, validated module functionality and workflows.
- Analyzed complex business processes, identified requirements, and implemented tailored coding solutions.

## TECHNICAL SKILLS

- Proficient in Python, R, SQL, Machine Learning, and AI.
- Experienced with libraries: Pandas, NumPy, Scikit-Learn, Matplotlib, Keras, PyTorch, TensorFlow.
- Proficient in tools: Jupyter, AWS.

## EDUCATION

- **MIT Professional Education** — Boston, MA
  Applied Data Science — July 2023

- **Northwestern University** — Evanston, IL
  M.S. in Data Science — March 2016

- **Northeastern State University** — Tahlequah, OK
  B.S. in Mathematics — December 2011