# JOSEPH GEIBIG

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**EDUCATION**

**GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA**

**Master of Science in Analytics** *August 2023*

* Tracks: Computing
* Coursework: Visualization, Machine Learning, Cloud Computing, Data Mining, NLP, Text Mining

**UNIVERSITY OF TENNESSEE, KNOXVILLE Knoxville, TN**

**Bachelor of Business Analytics** *May 2022*

* Global Leadership Scholar
* Minor: Environmental Studies
* Truist Emerging Leaders Certification

**SKILLS**

**Programming:** Python, R, SQL, PostgreSQL **Software:** AWS,GaBi, JMP, OpenRefine, Azure, GCP, Hadoop, Spark, Microsoft Access

**Visualization:** Tableau, gglplot, Shiny Dashboards

**Analytical Techniques:** Machine Learning, Regression Analysis, Clustering, Time Series Analysis, Sentiment Analysis, Feature engineering, Data mining, Text Mining, Optimization, Deep Learning and Neural Networks

**EXPERIENCE**

**Ecoform Knoxville, TN**

*Life Cycle Analysis house focusing on conducting Life Cycle analyses for contracted companies, as well as reviewing these documents for conformance to regulatory documents*

***Life Cycle Analyst Intern*** *July 2020 – Present*

* Analyze life cycle data for a variety of products, including roof coatings, furniture, concrete, and computers
* Write environmental reports for many industry leaders, including the Roof Coatings Manufacturing Association and National Instruments
* Review environmental statements for conformance to regulatory documents
* Assist companies with data collection across product lifespans

**Alva Group London, UK**

***Data Analyst Intern***  *March 2020 - May 2020*

* Created weekly Covid-19 data reports detailing various companies’ early responses to Coronavirus for newsletter
* Worked closely with Lloyds banking group and Ageas to solidify competitive advantage in COVID-19 response
* Wrote annual report for Blackrock Group detailing yearly performance and gave suggestions for improvement

**PROJECTS**

**Low-Selling SKU Prediction Engine (Project Source: Best Buy, Master’s Program)** *May 2022*

* Generate report for Best Buy Data Science Department determining the best way to forecast a large number of individual SKUs over the next week to determine necessary inventory levels.
* Dataset provided included 5 years of data on 575 different low selling SKUs, totaling over 800,000 rows of data. This data was combined with external data, such as the
* Machine Learning conducted through Python; Gradient Boosted Regression Tree determined to be best model
* Best model provided to the department, along with visualizations to help understanding.