JOSEPH GEIBIG

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY **Atlanta, GA**
Master of Science in Analytics *May 2023*
- Tracks: Computing
- Coursework: Visualization, Machine Learning, Cloud Computing, Data Mining, NLP, Text Mining, Deep Learning

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, JavaScript
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 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 entire product supply chain

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 Lloyd's 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

For more information about each project and to see more projects, please visit my website at the link provided above.
Low-Selling SKU Prediction Engine – Best Buy *Jan 2023*
- Using a Random Forest, forecasted next week of sales for hundreds of low selling SKUs
- Project now used by Best Buy to predict thousands of low slow selling SKUs

Flight Cancelations Analysis – School Project *Nov 2022*
- Built an interactive Tableau Dashboard that allows users to examine factors that contribute to flight cancelations

"Where Should You Live?" Tool – School Project *Nov 2022*
- Utilized K-Nearest Neighbors model to allow users to explore aspects of living in over 1000 cities across the US
- Built website using D3 for ease of use by end users

First Care Medical Center Database – School Project *May 2021*
- Built queryable database using SQL and Microsoft Access for hypothetical small medical company client