

JOSEPH GEIBIG

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Master of Science in Analytics

May 2023

- Track: Computational Data Analytics
- 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, ggplot, 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
- Won competition against 20 other teams of Masters of Analytics students
- Project now used by Best Buy to predict thousands of low slow selling SKUs

Flight Cancellations Analysis – School Project

Nov 2022

- Built an interactive Tableau Dashboard that allows users to examine factors that contribute to flight cancellations

"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