

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, SEEQ, PySpark

Visualization: Tableau, ggplot, Shiny Dashboards, Taipy

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

International Paper

Atlanta, GA

Manufacturing Data Scientist

May 2022 – Present

- Lead data science initiatives to revolutionize factory data collection systems and hardware integration with models
- Reduce manufacturing cost and improve product quality across the enterprise by applying advanced analytics tools and data science techniques, utilizing Python, R, SQL, JavaScript, and various Azure tools
- Integrate data from several different sources, such as Aveva PI Data archive tools, SQL databases, SEEQ software, and SAP
- Collaborate with subject matter experts, project teams, data analysts, and various mill leaders to develop analytical models

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