# 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

**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**

**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 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