

Kenneth Smith

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PROFESSIONAL SUMMARY

Senior Data Professional with 6+ years of experience driving strategic leadership and execution of data driven initiatives. Proven experience partnering cross-functionally with senior leaders across engineering, tech, and finance to uncover qualitative and quantitative insights through advanced analytics methods and tools. Thrives in realizing cost savings through automation in tools such as Alteryx, Python and Tableau and leads forecasting activities through model development and refinement. Skilled in prompt engineering for generative artificial intelligence and knowledgeable of artificial intelligence disciplines including machine learning, NLP, and deep learning to lead and support projects across the enterprise. Effective project manager, leading junior data teammates and stakeholders in executing deliverables in a timely and quality manner.

EDUCATION

Georgia Institute of Technology, Atlanta, GA Dec 2027
Master of Science in Analytics
Georgia Southern University, Statesboro, GA Dec 2018
Bachelor of Business Administration in Supply Chain Management & Marketing

SKILLS

Programming: Python, R, SQL, PrestoSQL(Trino), SciKit-Learn, Pandas, MatPlotLib NumPy, TensorFlow, RESTful APIs
BI Tools: Tableau, Microsoft Excel, Alteryx
Relevant Skills: Data Governance, Data Quality, A/B Testing, Database Management Systems, Predictive Analytics, Prescriptive Model Development, Machine Learning, Model Risk Management, Natural Language Processing, Jira/Confluence, Apache Impala, Apache Hadoop

PROFESSIONAL EXPERIENCE

Bank of America, Charlotte, NC Sep 2022 - Present
Assistant Vice President, Sr. Data Analyst- Enterprise Credit Data Strategy & Governance

- Directs all reporting activities for Data Quality activities within the Enterprise Credit organization**, supervising three junior teammates in managing all backend database design, creating data pipelines in Alteryx and producing a suite of 30+ Tableau reports to influence data driven decision making amongst Credit and Data Management Executives.
- Utilizes SQL to create queries that establish rules on Enterprise Credit data**, flagging data that fails these checks and partnering with finance and credit leaders to investigate and remediate findings to prevent inaccuracies in regulatory reports.
- Engineered a Data Quality application and automated process to run SQL based rules in Alteryx**, assisting with the build out and technical support of 50+ workflows that run each night to flag suspect data, populate database tables and SharePoint with action items, and tracks remediated suspects and suspect history.
- Partnered cross functionally with the Augmented Intelligence and Data Science teams to launch an artificial intelligence project focused on automating the detection of data quality defects**, contributing to supervised deep learning techniques focused on training the algorithm based on historical data and outcomes.

Bank of America, Charlotte, NC Jul 2021-Sep 2022
Assistant Vice President, Sr. Business Control Specialist- Global Procurement Operations

- Spearheaded inventory management and data integrity for 6000+ entities under the bank’s portfolio, **preparing monthly reports to share with the Chief Procurement Officer on critical changes**
- Oversaw process expansion activities related to internal rogue sourcing activity and vendor engagement, **leading projects focused on automating data driven workflows using Alteryx to execute audit activities.**
- Chair role as primary lead in managing Fourth Party Publication activities, **implementing program changes and enforcing internal policies to ensure all procurement operations are compliant with OCC and government regulations.**
- Partnered with internal audit and testing teams to resolve gaps within the non-compliant vendor process, **investigating incidents and manipulating data in Excel to extract key insights and influence process enhancements to resolve self-identified audit issues.**

Correlation One, Remote Sep 2021- Apr 2022
Data Science For All Fellow

- Selected to participate in a 14-week Data Science Fellowship (3% acceptance rate)**, led by world-class teaching staff from Harvard and MIT using real-world data science business cases.
- Executed a real-world business case utilizing various Python packages including Pandas to load, transform and analyze data, **discovering how trading volume and volatility correlate for energy stocks in the stock market.**
- Collaborated with a group of five to lead a capstone project titled: “Overvalued, Undervalued or Just Right? The Past Present and Future of the United States Real Estate Market”, **building a linear regression model to predict future home prices with Scikit-learn.**
- Investigated Airbnb home characteristics to determine how to maximize listing price, **utilizing foundational statistics knowledge to calculate mean, standard deviation and correlation coefficients then plotting visualizations using Seaborn and Tableau.**

Bank of America, Charlotte, NC Jun 2019-Jun 2021
Global Procurement Management Analyst Program- Global Technology & Operations/ Third Party Management

- Supported senior leaders in managing technical strategic partners, **overseeing vendors that combined for \$500 million in annual spend.**
- Identified cost savings opportunities through an exploratory data analysis project, **discovering a \$2 million annual savings opportunity through building a predictive model showcasing spend based on vendor resource allocation.**
- Cultivated relationships with vendor managers, **assisting in account management, conducting risk assessments and spearheading issue resolution for 100+ vendors across multiple functional business units.**
- Surveyed internal stakeholders on satisfaction with the end-to-end vendor management process, **leading A/B tests to compare different features within the internal vendor management application to improve stakeholder satisfaction and ease of use.**

CERTIFICATIONS

Python for Data Science & AI (IBM), Alteryx Foundational Micro Credential (Alteryx), Implementing Predictive Analytics Techniques (IBM), Data Analysis with Python (IBM)