KYNDALL D BUTLER

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PROFESSIONAL SUMMARY

Experienced Senior Analyst/DBA with a focus on research, data analysis, and data modeling. Proven record of accomplishment in developing predictive models, implementing comprehensive data solutions, and conducting statistical analyses to drive decision-making and product development. Demonstrates effective communication and problem-solving skills, eager to enhance data handling in a research-focused environment.

SKILLS

Programming Languages: VBA, SQL, Python, SAS, R, HTML, JSON, JavaScript
Tools: VS Code, Power BI, Looker, Advanced Excel, HubSpot, Azure, Adobe Analytics, Google Analytics, MS PowerPoint, MS Office, Google Suite, AWS, Google Cloud, Tableau, APIs
Machine Learning: R (tidyr, dplyr), Python (Scikit-learn, PyTorch, NumPy, SciPy, Pandas, etc.)
Functional Skills: Data Analysis & Data Modeling, Report Writing, Scientific Reporting, Business Intelligence, Strategic Planning, Data Visualization, Validation & Mapping, Process Documentation, & Statistical Analysis
Laboratory Techniques: IR, UV/VIS, NMR, & Mass Spectroscopy, GC, Titration, & PCR Amplification

PROFESSIONAL EXPERIENCES

Inhaus Surfaces Limited   Smyrna, GA
Senior Analyst/DBA, BI & Product (Client-Facing)   Jan 2023 - Present
- o   Creates predictive models that generate $150M+ in sales from a Fortune 500 client.
- o   Performs sales, product, and technical financial analysis in Excel for sales and financial forecasting.
- o   Develops and monitors databases, ETL pipelines, and dashboards in HubSpot, Excel, SQL, and Power BI.
- o   Collaborates with CTO to improve data integration and management by writing protocols and pricing tools.
- o   Writes JSON web-scraping scripts to capture market data from ads, retail sites, emails, and social media to generate market intelligence reports, investigate consumer behavior, and guide product development.
- o   Partners with the SVP of Product & SVP of Sales to define data needs, establish KPIs, implement A/B tests, and present product strategies in PowerPoint for Fortune500 V-level executives

CORMAC   United States of America
Data Analyst II – Supplemental**, Healthcare Claims** (Contract)   April 2023 – April 2024
- o   Developed AWS Athena code to integrate, evaluate, and analyze diverse data sources.
- o   Ensured data security compliance with HIPAA and the HITECH Act through rigorous QA processes.
- o   Analyzed healthcare data in R and SQL to identify trends and insights in reports to present to stakeholders.

Kennesaw State University College of Science and Mathematics   Marietta, GA
Physics & Chemistry Teaching Assistant   Aug 2022 - Dec 2022
- o   Applied matrix manipulation and eigen-decomposition in Python (MATLAB) for data processing.
- o   Managed weekly sessions and facilitated communication for 80+ students for effective course delivery.
- o   Created statistics, calculus, and physics content on a weekly basis, supporting academic development.
- o   Instructed college students in statistical analysis in Excel and SAS and computational analysis in OriginPro.

USDA GA Office of Research   Acworth, GA
Data Analyst I, Public Health & Agriculture (Contract)   May 2022 - Jul 2022
- o   Implemented statistical analysis in SAS to improve soil health and crop yield by 11.7%.
- o   Transformed and visualized data in R and SAS to write ACS style scientific KPI reports.
- o   Created a relational database for crop data in SQL, integrating data into AWS, R, & SAS.
- o   Performed principal component analysis for environmental elements in R– explaining findings to farmers.

Heifer International   Atlanta, GA
Project Analyst/Team Lead, Marketing & BI   Aug 2021 - Apr 2022
- o Used Adobe Analytics to analyze campaign performance and discover regional sales trends.
- o Worked cross-functionally with the finance team to define KPIs and perform financial analysis.
- o Designed and implemented A/B testing strategies, achieving a 14.3% increase in subscriptions.
- o Monitored accounts and produced dashboards and reports in SalesForce, Excel, SQL, & Adobe.
- o Presented findings to both technical and non-technical audiences to aid informed decision-making.
- o Captured/updated detailed stakeholder meeting notes, lead BI projects, and documented processes.

Kennesaw State University Office of Sustainability   Kennesaw, GA
Junior Project Coordinator, Analytics & Digital Media   Aug 2020 - Aug 2021
- o Grew a social media account from 50 to 2,000 followers with 400,000+ impressions.
- o Managed daily social media correspondence and managed team calendars in Google Calendar.
- o Delivered a high-impact presentation on sustainability metrics at a conference with 1,000+ attendees.
- o Planned out-reach events and managed 24 projects; performed root cause analysis with DoWhy in Python.
- o Collected structured and unstructured data from multiple internal and external sources; integrated data to SQL, Google Sheets, Google Cloud, & Looker (Google Analytics) for validation and transformation.

Delta Air Lines   Atlanta, GA
Sustainability Analyst Intern, Research & Development   Aug 2019 – May 2020
- o Supported carbon neutrality projects through analytical chemistry research.
- o Supported employee and customer engagement in Delta's sustainability efforts (Atlanta and beyond).
- o Created processes to collect, organize, and report data for ESG environmental sustainability initiatives.
- o Documented and practiced senior scientists' data management and analysis techniques for CO_2 emissions, chemical, and logistics data in Excel, SAS, and Python.

Rite Aid   Albany, GA
Pharmacy Technician   June 2018 – Dec 2018
- o Assisted pharmacist with prescription distribution.
- o Adhered to HIPAA policies and addressed patient/customer issues.
- o Demonstrated basic computer competency and strong mathematical reasoning.

EDUCATION AND HONORS

Georgia Institute of Technology, School of Data Science and Analytics
Certificate of Science in Data Science and Analytics
- o Modules: Python, Excel, Jupyter Notebook, SQL, Tableau, Power BI, Git, JavaScript, CSS, HTML, R, SAS
- o Relevant Projects: Using Descriptive Analytics to Predict COVID-19 Outcomes by County/State, Using APIs to Display and Predict Weather Conditions by Longitude & Latitude

Kennesaw State University, College of Science and Mathematics
Bachelor of Science in Integrative (Computational) Chemistry, with a Minor in Math
- o GPA: Dean's List 2021 (GPA ≥ 3.5), President's List 2019 & 2020 (GPA ≥ 3.7)
- o Chemical Literature, Environmental Chemistry, Biochemistry, Pharmaceutical Chemistry, Physical Chemistry I & II, Quantitative Chemistry, Linear Algebra, Biostatistics, Statistical Methods, Physics I & II, Calculus I – IV
- o Research: Inorganic Synthesis of Metal-Ligand Complexes, Application of GCMS to Identify Organic and Inorganic Compounds, PCR Amplification of RNA & DNA Complexes, Metalation of Porphyrin Complexes

Kennesaw State University, School of Data Science and Analytics
Certificate of Science in Statistics and Data Mining
- o Modules: Regression in Excel, Programming in R, Statistical Analysis in SAS, Python Programming I & II, Computer Statistics I & II, Statistical Methods I & II
- o Relevant Projects: Applying Linear & Logistic Regression in R to Evaluate Student Success Using CRDC Data, Using Business Analytics to Predict Price & Quality Assurance in SAS