Ibrahim Ibrahim

Dallas, TX | linkedin.com/in/ibrahimai | 214-235-1048 | Iaibrahim.ibrahim@gmail.com

EDUCATION

Google **Remote**
Data Analytics Professional certificate *Graduation Date: January 2023*
● Relevant Coursework: R programming Language, SQL, Tableau, Pivot Tables, Metadata, Data Governance

University of Texas at Arlington **Arlington, TX**
BS in Biology, Chemistry *Graduation Date: June 2017*
● Organizations/Awards: Honors Program, Mathematics Honors Program, Alpha Lambda Mu, Pre-Dental Society

WORK EXPERIENCE

UT Southwestern Medical Center **Dallas, TX**
Clinical Researcher *December 2019 – Present*
● Optimize data quality & performance by spearheading implementations of new data management processes & tools, leveraging Excel, GraphPad Prism, and specialized softwares.
● Develop insights from 35M points of data that resulted in identifying 3 new risk factors for diseases and conditions, presented findings in 6+ research papers awaiting publication.
● Produce 45 detailed study protocols alongside corresponding presentations for technical and stakeholder audiences, successfully driving 75% adoption rate of initiatives.
● Co-created a clinical research data assessment tool to evaluate new drug compounds for kidney health conditions, resulting in a 95% alignment with State and Federal regulations.

Children's Health **Dallas, TX**
Laboratory Associate *April 2016 - May 2022*
● Formulated advanced dataset to measure lab productivity and optimize operations, resulting in 10% improved turnaround times and reduced error rates.
● Utilized sensitivity and specificity metrics to validate results accuracy when communicating findings, ensuring correct diagnoses in over 99% of cases.
● Initiated 800 laboratory tests per day by successfully scheduling and managing test order entry into EPIC (cloud-based EHR system), boosting operational efficiency by 12%.

Best Buy **Dallas, TX**
Multi-Channel Associate *July 2014 – August 2015*
● Championed sales strategies to increase company consumer electronics revenue by reinvesting 10% of generated profits into sales initiatives, leading to a 15% growth in online sales.
● Investigated consumer data to unearth 14 key customer pain points, leading to the crafting of 7 effective solutions that improved customer support by 45%.
● Improved client experience by providing customized data-driven solutions, surpassing revenue goals by 10%.
● Developed & designed action plans according to customer's customized requirements, achieving an overall success rate of 95% and increasing retention with existing clients by 40%.

PROJECTS *(more at IbrahimsDataVault.github.io)*   **Skills: Python, R, SQL, Tableau, Markdown, Excel**
COVID-19 Case Study
● Utilized SQL and Tableau to conduct data analysis on the impact of COVID-19. Cleaned and queried data to create 4 tables, and then visualized the results on a Tableau dashboard to demonstrate strong analytical skills.

Data Analysis & Visualization in R
● Demonstrated ability to pull data tables, analyze them, and create visualizations using R, ggplot2 package and Rmarkdown. Created a variety of graph types, modified graph aesthetics, and added labels and annotations to enhance data insights. Furthermore, created an R markdown file of the tutorials and knitted it to a html file.

TECHNICAL & BUSINESS SKILLS

Technical: R | Python | SAS | SQL | Tableau | Power BI | Excel | Hadoop | VSCode | AWS | Azure | Google Cloud

Business: Data Documentation | Metadata | Teamwork | Problem-solving | Analytical-thinking | Project-management