ELVIS SEGBEAYA

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LEAD DATA ANALYST

Accomplished Data Analyst with years of industry experience applying data analysis methods to real-world business problems. Skilled in all aspects of the data analysis project life cycle, including exploring existing data for insights. History of success developing and maintaining reports that enable end-users to make appropriate business decisions and using statistical or machine learning techniques to assess customer performance. Key competencies include:

Languages:	Python, R, SAS, SQL, Json, C++, C#, T-SQL, ASP.NET MVC Core
Libraries:	Request, Pandas, Scikit-Learn, Bs4, NLTK, Pydantic
Reporting Tools:	Power BI, Excel, Microsoft Suite, Power Query, SSRS, Github Action
Statistical Methods:	Regression Models, Ensemble Methods, Supervised/Unsupervised algorithms, Neural Networks, Random Forest, KNN
Data Science:	Machine Learning, Data Mining, Predictive Analytics, NLP, Data Sets Predictive Analytics, Data Cleaning/Mining, Text Analytics
Database:	SQL, T-SQL, MySQL, Oracle, MongoDB
Core Skills:	Data Analysis, Collaboration, Tri-lingual, Empathic Leader, Process Improvement, Innovation, Problem solver, in-depth analysis, Financial Derivatives

EXPERIENCE

[NOV]

Software Engineer- Application Support   **FEB 2023 – Current**

Houston, TX- Remote

Python | JSON | API Requests | AWS | Jira | Agile Methodology

• Lead technical support and troubleshooting efforts for complex software applications used in the oil and gas industry, using advanced knowledge of technologies such as Python, SQL, AWS, and DevOps tools

• Mentor and collaborate with cross-functional teams to identify and resolve software issues, using Agile methodology and tools such as Jira, JSON, API requests, and Postman, and ensure timely resolution of customer incidents

• Work with customers to understand their requirements and recommend solutions that meet their needs, leveraging advanced knowledge of AWS cloud infrastructure and API integration techniques

• Drive the development of new software features and enhancements, using advanced skills in Python and SQL to create efficient and scalable solutions, and ensuring they are thoroughly tested and meet quality standards

• Proactively analyze application logs and perform root cause analysis of issues to improve application performance and stability, using advanced skills in AWS CloudWatch and other monitoring tools

• Create and maintain technical documentation, including installation guides, user manuals, and release notes, using tools such as GitHub and Confluence, and oversee documentation efforts of junior engineers

• Continuously improve existing processes and practices, leveraging advanced knowledge of DevOps best practices and continuous integration and deployment techniques, and lead efforts to implement new tools and technologies to improve efficiency and quality.

Use Jira to manage Agile development process, including sprint planning, backlog grooming, and retrospective meetings, and provide guidance to junior engineers on Agile methodology and best practices.

• Collaborate with management to define and execute the long-term technical vision for the application support team, and provide thought leadership and technical expertise to inform business decisions.

[BNY Mellon]
Lead Analyst, Data Management Quantitative Analysis   **June 2022 – October 2022**
Corporate Trust – Houston, TX- Remote

Runs and maintains deal models using proprietary systems on an on-going basis for routine standard deals, including uploading/inputting of data, analytical review for validation and/or reconcilement, investigation and resolution of discrepancies, while meeting required timelines and quality standards.

- Supervises, trains and coaches 9-12 team members on systems, modeling and user tools.
- Develops deal specific models, reports and user tools according to legal documents and clients' specifications Utilizing in house systems and other supported applications for standard and routine deals, for the CDO/CLO product.
- Troubleshoot and resolve client issues at all levels for moderately complex financial structures and run and/or maintain deal models on active standard or routine deals.
- Analyze moderately complex finance structures and legal documentation, including amendments.
- Liaisons directly with internal client services, business partners, clients and other third parties to resolve deal specific issues related to the deal model or the onboarding of the deal.
- Investigates and resolves cases while meeting required turnaround times and quality standards for client service/admin teams.
- Review, update, modify, and test any required changes to the complex financial models.
- Collaborates with Client Services to interpret and identify needed changes according to document guidelines, calculations and responsibilities that are clear and within system capabilities.
- Manage risk and ensure satisfactory audits working with Team Leader to assist with the audit examination and the audit response process.
- Engages in high level collaboration to ensure deals are structured properly and delivered on time and as promised.
- Manages Internal workflow to solve technical issues. Delivers knowledge as SME of product and process which best support assessment of performance, risk, or valuation.
- Develop and implement data quality controls, data governance policies, and data security measures to ensure data integrity and compliance with regulatory requirements.
- Provide technical guidance and mentoring to junior analysts, sharing best practices and facilitating knowledge transfer within the team.
- Drove business decisions based on actionable insights based on calculations.
- Gained support from colleagues and key decision makers to push strategic initiatives (age of remote work).
- Develop and maintain data pipelines and ETL processes to extract data from various sources, transform it into the desired format, and load it into data warehouses.
- Collaborate with **international** cross-functional teams, including IT, operations, risk management, and compliance, to ensure alignment and support for analytics initiatives.
- Developed a pipeline system to ensure employees are trained properly and can meet delivery expectations. Imposed a peer to peer review system to ensure collaboration, growth and team building while working remotely.

[BNY Mellon]

Analytics Analyst I   **May 2020 – May 2022**

Loan Conversion platform- Houston, TX - Remote

Provided analysis in the development of statistical, financial and/or econometric models for analyzing asset performance, securities data, derivative pricing, risk exposure or other sophisticated concepts.

- Delivered analytical support and prepared drafts of standard ad hoc reports for assigned area.
- Performed and oversaw data management activities in support of more senior quantitative colleagues.
- Ran models, looked for exceptions, and implemented corrective action.
- Built knowledge of technology tools used to conduct analyses.
- Constructed knowledge of processes and products that best support assessment of performance, risk, or valuation. Interpreted findings and prepares initial drafts of standard reports.
- Designated product launch tester: Test use-case scenarios from both user and internal staff inputs.

[Grocers Supply]   **September 2018 – June 2019**

Data Analyst- Houston, TX

Oversaw operations of product movement, inventory control, and price management.

- Orchestrated and executed a data migration of over 40k products. Organized in-store layout structure and instituted new design patterns.
- Increased the revenue of the company by 20% through in-depth analysis of marketing evaluation and research.
- Streamlined multi-tier projects by spearheading a coordinated effort of various departments.
- Automate the consolidation process using macros or VBA code, reducing the time and effort required for future consolidations. Used SSRS, store metrics and past data to forecast products and prices.
- Experience in working with data visualization tools like Tableau and Power BI to create interactive and insightful dashboards and reports.
- Collaborate with business partners to identify key metrics and KPIs, design experiments, and develop and execute data-driven strategies.
- Use advanced Excel functions such as VLOOKUP, INDEX/MATCH, and IF statements to perform complex data manipulations and calculations.

[WageWorks]   **July 2016 – May 2018**

Account Consultant - Irving, TX

- Serve as the primary point of contact for assigned clients, responsible for building and maintaining strong relationships and ensuring client satisfaction with WageWorks' services.
- Conduct regular meetings and check-ins with clients to review program performance, provide training and education, and gather feedback on client needs and concerns.
- Collaborate with cross-functional teams including operations, sales, and product development to identify and address client issues and opportunities for improvement.
- Develop and maintain a deep understanding of clients' benefits programs, company cultures, and industry trends to proactively identify new opportunities for growth and expansion.
- Maintain accurate records and documentation of client interactions, program design and implementation details, and other critical information in WageWorks' CRM and other systems.

EDUCATION

Master of Science (MS), Technology Commercialization - The University of Texas, Austin

Bachelor of Science (BS), Mathematics - The University of Houston, Houston