SONYA LAWRENCE-THOMPSON
Financial Analysis & Data Science

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PROJECTS/PUBLICATIONS

Personal Reading Trends
- Captivating visualization of personal literary journey
- Interactive Power Bi dashboard and word clouds
- Read 1 book per month; goal achieved

US Data-Job Salary Trends
- Created in a Jupyter Notebook using Python
- In-depth analysis of North American data related job salaries
- Personal research and data analysis for salary negotiation

IBM Data Science Capstone
- Real-world Data Science problem simulation
- Created machine learning model for accurate aerospace predictions
- Successfully predicted likelihood of SpaceX's Falcon 9 first stage landing

EXPERIENCE

Financial Analyst
Jacksonville Orthopaedic Institute
Sep 2022 - Oct 2023
- Implemented budget processes and conducted monthly variance analysis
- Created new data management tools and dashboards for 7 medical facilities
- Automated company-wide processes with SQL, Excel, PowerBi, and Python

Data Quality Analyst
FCRD Services
Nov 2020 - Sep 2022
- Built and maintained financial models for ROI and cash flow projections
- Designed key performance indicators to guide company wide data analysis
- Developed dashboards to measure and monitor product and service effectiveness

Accountant Assistant
Indiana Stamp Company
Dec 2019 - Nov 2020
- Improved accounts payable efficiency by over 90%
- Oversaw daily and monthly bank reconciliation statements
- Managed customer data using proprietary software and cloud-based systems

Staff Accountant/Office Manager
BT'S Plumbing and Heating
Jul 2016 - Oct 2019
- Directed company-wide data transformation from hardware to software
- Analyzed complex business problems, providing practical solutions
- Managed financial data using QuickBooks, Excel, and other business software

SKILLS

- Excel
- SQL
- Python
- Pandas
- NumPy
- Data Visualization
- Data Cleaning
- Probability/Statistics
- Data Manipulation
- Data Storytelling
- Power Bi

EDUCATION

Huntington University
Bachelors Degree
Cum Laude
2012 - 2016

Major 1: Accounting
Major 2: Psychology
Minor: Management

EdX
Professional Certificate
2022
Major: Data Science

Learned:
- Python, R, SQL,
- Web-Scraping
- Data Cleaning
- Data Manipulation
- Machine Learning
- Data Analysis
- Data Visualization
- API integration