SONYA LAWRENCE-THOMPSON
Financial Data Analysis & Data Science

CONTACT

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PROJECTS/PUBLICATIONS

Personal Reading Trends

- Captivating visualization of my literary journey
- Interactive Power Bi dashboard and word clouds
- Read 1 book per month as of January 2021; personal development goal achieved

US Data-Job Salary Trends

- Created in a Jupyter Notebook using Python
- In-depth analysis of North American data related job salaries
- Manipulated large open souce dataset to extract useful information

IBM Data Science Capstone

- Real-world Data Science problem simulation
- Created machine learning models (MLM) for accurate aerospace predictions
- Successfully predicted the likelihood of SpaceX's Falcon 9 first-stage landing

SKILLS

- Excel
- SQL
- Python
- Data Visualization
- Data Cleaning
- Probability/Statistics
- Data Modeling
- Data Migration
- Data Manipulation
- Data Transformation
- Data Storytelling
- Power Bi

RELEVANT EXPERIENCE

Financial Analyst
Jacksonville Orthopaedic Institute

Sep 2022 - Oct 2023

- Collaborated with cross-functional teams to create new data management tools and dashboards for 7 medical facilities
- Implemented various stored procedures for data cleaning and extraction using SQL Server Management Studio and Visual Studio Code
- Automated various financial processes using 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

- Initiated company-wide data migration to cloud database
- Analyzed complex business problems, providing practical solutions
- Managed financial data using QuickBooks, Excel, and other business software

EDUCATION

Huntington University
Bachelors Degree
Cum Laude

2012 - 2016

Major 1: Accounting
Major 2: Psychology
Minor 1: 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