Timothy Green

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https://github.com/delgreen/data_science_portfolio

Experience

Data Analyst

Martin Inc.

Feb 2021 – Present (1 yr 10 mos)

Manage the ad hoc SQL reporting for internal users and external customers or vendors • Write SQL queries to obtain information from our Enterprise Resource Planning system, utilize the scientific computing libraries Pandas, Numpy, and Matplotlib for Python to transform data to fit any needed requirements • Manage the scheduling, permissions, and distribution of reports • Implemented and expanded the data science environment that the organization is using for this process • During the acquisition of another asset by this organization, I am actively involved in the ETL process for preparing and transferring data from one inventory management system to another • Provide ad hoc dashboards and visualizations with Power Bi, Power Query, Excel, and Matploblib

Information Technology Consultant

Del Green Technology Consulting

Mar 2016 – Present (6 yrs 8 mos)

Data Analysis and Dashboards • ETL projects with Python and Pandas Microsoft Excel, Power Query, Power BI • Python, Pandas, Numpy • Jupyter Notebooks • Microsoft 365 Administration • WordPress Web Development • Coaching in Microsoft Excel, Project, and Microsoft 365

Chief Operating Officer and Executive Director

Shoals Habitat for Humanity

Apr 2018 – Jan 2021 (2 yrs 10 mos)

Utilized Microsoft Excel Power Query, Pivot Tables, and Power BI • Generated reports on housing, poverty, financial, and construction data • These reports were used by the organization's board of directors to guide decisions about financial decisions, outreach programs, and building projects

Education

University of the People
Bachelor of Science - BS, Computer Science
2020 – 2023
3.43 GPA

University of the People
Associate of Science - AS, Computer Science
2020 – 2022
3.43 GPA

Licenses & certifications

Data Science Professional Certificate – IBM
Issued Sep 2022
Credential ID 4LAGNBELMKV8

Machine Learning with Python - IBM
Issued Aug 2022
Credential ID 4C7744SAUGLZ

Data Visualization with Python - IBM
Issued Aug 2022
Credential ID 63AJESBNTUBR

DAT216x: Delivering a Relational Data Warehouse - Microsoft
Issued Sep 2016
Credential ID 5a5656c485454e8bb5643cc22f395d91

Power BI Essential Training - LinkedIn
Issued May 2021

Data Science Methodology - IBM
Issued May 2022
Credential ID 5W88EC9DBQGV

Python for Data Science, AI & Development - IBM
Issued Jun 2022
Credential ID PT8DC92DLCFP

Databases and SQL for Data Science with Python - IBM
Issued Jul 2022
Credential ID 89L5GDGA4P7M

Skills

Data Analysis • Pandas (Software) • SQL • Python (Programming Language) • Jupyter • IBM Db2 • Microsoft Excel • Microsoft Power BI • NumPy • Matplotlib • Microsoft Power Query