Timothy Green

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linkedin.com/in/timothy-del-green
https://github.com/delgreen/data_science_portfolio

Experience

Data Analyst

Martin Inc.

Feb 2021 – Present (1 yr 11 mos)

Manage the ad hoc IBM DB2 for i SQL reporting for internal users and external customers / vendors • Utilize the scientific computing libraries Pandas, NumPy, and Polars for Python with JupyterLab and Microsoft Visual Studio Code to extract, transform, and visualize data to fit needed requirements • Manage the scheduling, permissions, and distribution of reports in Microsoft SharePoint Online • Implemented and expanded the data science environment used for this process • During the acquisition assets 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 Matplotlib • Develop business applications in Microsoft Power Apps, Microsoft Dataverse for Teams, and Microsoft Power Automate • Tenant Administrator for Microsoft SharePoint Online, Power Platform, and Microsoft Power BI

Information Technology Consultant

Del Green Technology Consulting

Mar 2016 – Present (6 yrs 9 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
3.42 GPA

Licenses & certifications

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

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

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

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

in **Power BI Essential Training - LinkedIn**
Issued May 2021

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

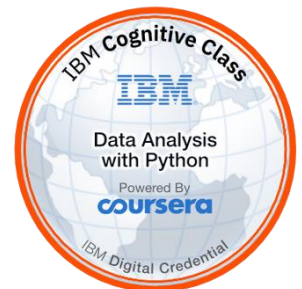IBM **Python for Data Science, AI & Development - IBM**
Issued Jun 2022
Credential ID PT8DC92DLCFP

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

Skills and Technologies

IBM DB2 SQL • IBM Cognos • IBM Watson • IBM Data Studio • SQLAlchemy Adapter for IBM i • IBM
Navigator for i • Python • Pandas • NumPy • Polars • Apache Arrow • JupyterLab • Matplotlib
Seaborn • Elyra AI Toolkit • Microsoft Excel • Microsoft Power BI • Microsoft Power Query • Microsoft
Power Apps • Microsoft Power Automate • Microsoft Power Platform • Microsoft SharePoint Online