

Timothy Del Green

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https://github.com/delgreen/data_science_portfolio



Experience

Data Analyst

Martin Inc.

Feb 2021 – Present (2 yrs 1mo)

Ad hoc 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 reporting • Actively involved in the ETL process for preparing and transferring data from one inventory management system to another during acquisitions • Author ad hoc dashboards and visualizations with Power Bi, Power Query, and Excel

Information Technology Consultant

Del Green Technology Consulting

Mar 2016 – Jan 2023 (7 yrs)

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

Jan 2020 – Jan 2023

3.42 GPA

University of the People

Associate of Science - AS, Computer Science

Jan 2020 – Aug 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

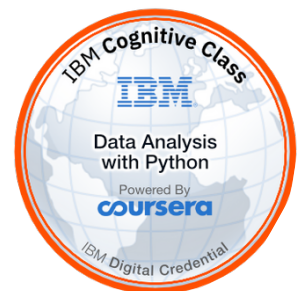
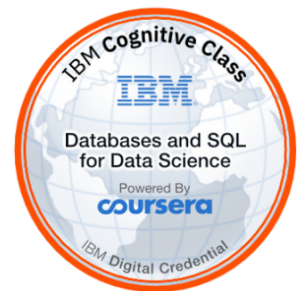
Credential ID PT8DC92DLCFP



Databases and SQL for Data Science with Python - IBM

Issued Jul 2022

Credential ID 89L5GDGA4P7M



Skills 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 • Microsoft Visual Studio Code Server