

Timothy Del Green

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https://github.com/delgreen/data_science_portfolio



Experience

Data Engineer

NextAfter

Mar 2023 – Present

Experienced data engineer proficient in designing and implementing scalable data solutions. Skilled in data modeling, ETL processes, and data warehousing. Proficient in programming languages like Python and SQL. Demonstrated expertise in optimizing data pipelines and ensuring data quality. Proven track record of collaborating with cross-functional teams to deliver valuable data-driven insights.

Data Analyst

Martin Inc.

Feb 2021 – Feb 2023 (2 yrs 1mo)

Executed ad hoc SQL reporting for internal users and external customers/vendors. Utilized Pandas, NumPy, and Polars in Python to extract, transform, and visualize data. Managed report scheduling, permissions, and distribution in Microsoft SharePoint Online. Implemented and expanded the data science environment for reporting. Actively participated in ETL processes during acquisitions. Authored 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)

Utilized data analysis and created interactive dashboards. Executed ETL projects using Python, Pandas, Microsoft Excel, Power Query, and Power BI. Proficiently employed Python, Pandas, NumPy, and Jupyter Notebooks. Managed Microsoft 365 administration tasks. Developed websites using WordPress. Provided 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 to generate reports on housing, poverty, financial, and construction data. Reports guided the organization's board of directors in making decisions regarding finances, 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

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



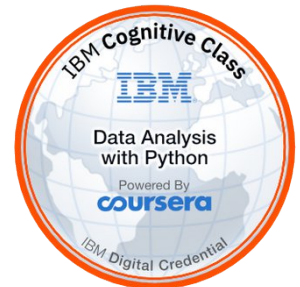
Python for Data Science, AI & Development - IBM

Issued Jun 2022
Credential ID PT8DC92DLCFP



Databases and SQL for Data Science with Python - IBM

Issued Jul 2022
Credential ID 89L5GDGA4P7M



Skills and Technologies

SQL • Python • Pandas • NumPy • Polars • Microsoft Excel • Microsoft Power BI • Microsoft Power Query • dbt
Google BigQuery • Airbyte • SQLAlchemy • Apache Arrow • JupyterLab • Matplotlib • Seaborn • Power Apps
Microsoft Power Automate • Microsoft SharePoint Online • Microsoft Visual Studio Code Server • IBM Data Studio