

Patrick Lyons

Data Analyst

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Data Analyst with a passion for telling the story the data tells

Experienced with the tools and skills to solve problems and answer questions hidden in large sets of data

SKILLS

- Python (pandas)
- Power BI
- Git/GitHub
- Marketing and Advertising
- Leadership and Management
- Agile/Kanban
- Tableau
- SQL (PostgreSQL)

DATA ANALYTICS EXPERIENCE

Nashville Software School

May 2022 - Present

Data Analyst Apprentice

Intensive Full-time bootcamp focusing on data analytics fundamentals and problem solving. Used real-world datasets and included projects where findings were presented to stakeholders from the community.

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups, and connected to external data sources using the PowerPivot add-on
- Built and deployed dashboards using Tableau and PowerBI
- Wrangled data and performed exploratory data analysis using Python's *pandas* library
- Created data visualizations using *matplotlib* and *seaborn*
- Gathered data through APIs and webscraping
- Performed geospatial analysis using *geopandas* and *folium*
- Retrieved and analyzed data using PostgreSQL and *sqlalchemy*
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

PROJECTS

- [App Trader Project \(SQL\)](#): Analyzing the sales data of app purchases for both Apple and Android in order to predict the best apps to purchase for Apptrader.com in order to maximize long term revenue.
- [Nashville Tech Partners Project](#) (Python): Analyze data for Tennessee Early Intervention System in order to improve referral process and maximize resources.
- [GDP and Internet Usage](#) (Python): Analyze data for countries in order to create graphs showing the relationship between GDP and internet usage over several years.

- [Low income and Elderly Assistance Project](#) (Excel): Analyze data from Hand Up America in order to improve the allocation of resources for senior citizens to areas that need the most assistance.
- [Lahman Baseball Project](#) (SQL): Analyze baseball data spanning decades in order to answer specific questions with information contained in a large data warehouse.

PROFESSIONAL EXPERIENCE

Analyst | AML Rightsource | December 2021 – May 2022

Investigating Money laundering alerts for customers of financial institutions using ETL .

- Report on money laundering alerts in customer's bank accounts
- Create spreadsheets and write reports to tell the story the data indicates
- Extract data from multiple banking systems
- Keeping up to date with new standards and regulations in a heavily regulated industry

Customer Service Representative | Chase Corporation | May 2019 – August 2021

Handle client accounts for global manufacturing corporation and creating reports for business units' performances to present to board members.

- Team Lead on Multiple business units
- Lead daily team meetings to ensure deadlines are being met
- Entered the most purchase orders on each team

Practice coordinator | Tufts Medical Center | May 2016– August 2018

Answer and direct phone calls and schedule appointments in fast paced cardiology clinic.

- Calendar management
- Answer and direct phone calls
- Communicate effectively with administrators, patients, and medical staff
- Connect with insurance companies for prior authorizations and appeals

EDUCATION and CERTIFICATIONS

- Data Analytics or Bootcamp Certification | Nashville Software School | Present
- Bachelor of Arts | Salem State University | May 2014