Rachel **Kocheran**

Data Analyst

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📍 Nashville, TN

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Skills

- SQL / PostgreSQL
- Python / Anaconda
  - Pandas Library
  - SQLAlchemy
  - Matplotlib
  - Seaborn
  - Folium
- Advanced Excel
  - PowerPivot add-on
  - PivotTables
  - LOOKUPs
- Microsoft PowerBI
- Tableau
- Git/GitHub
- ETL Process
- ERD Models

Education

Data Analytics Certification

Nashville Software School
Sep 2022 - Jan 2023

Bioinformatics, Bachelor of Science

University of California, Santa Cruz

Profile

My professional career began with providing childcare services to a wide variety of clientele. I then transitioned to the retail industry where I continued to serve my community through high-quality customer service and product management. With a natural penchant for creative solutions, I now look forward to contributing to the dynamic and swiftly growing field of data exploration and visualization. From daily challenges to long-term projects, SQL scripting to database diving, the more complex the problem, the more I am driven to succeed.

Data Analytics Experience

Nashville Software School   Sep 2022 - Jan 2023

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, 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

Exploration and Analysis of Project FeederWatch Citizen Scientist Observations for Tennessee

- Created an interactive Tableau dashboard using analyses derived from data supplied by Project FeederWatch. Cleaned/prepared multiple raw data files for import as a multi-table database into Tableau. Provided analyses on key aspects relevant to songbird migration as well as participant submission patterns in Tennessee including filterable maps and trends over time.
  Skills employed: *Tableau, SQL, PostgreSQL, and pgAdmin*

PostGRESQL Analysis of TN Medicare Part D Prescriber and Prescription Data

- Performed an exploratory analysis of a multi-table database containing details of medical providers, prescriptions, medications, and county-level statistics.
  Skills employed: *SQL, PostgreSQL and pgAdmin*

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Work Experience

Wild Birds Unlimited   Jun 2020 - Sep 2022

Sales Associate

Contributed to a high energy, positive environment that provided professional and informed advice and superior customer service.

- Connected with customers by asking open-ended questions to assess their needs and make appropriate suggestions
- Assisted customers in identifying and purchasing products suiting their needs and preferences
- Operated multiple POS systems, trained new employees on each new system, and provided solutions when issues or errors arose
- Fulfilled internet orders by processing the order, picking the product, and staging for fulfillment
- Manager on duty when store and assistant manager are off duty
- Organized and maintained sales floor and storage area inventory
- Checked in merchandise shipments, noting discrepancies and damage
- Notified manager when products were low or sold out

Nashville Pet Products   Jul 2019 - Jun 2020

Key Holder

Worked with a team to provide exceptional customer service, boost sales, and complete business tasks including processing orders and performing book work.

- Led the store in the absence of management to include opening/closing, customer service and store maintenance
- Assisted in processing and replenishing merchandise and floor stock

Nature's Best Nursery & Landscape   Oct 2018 - Jun 2019

Retail Associate

Worked in a greenhouse facility to cultivate and sell live products.

- Created appealing, sales-driven displays
- Received and verified shipments
- Processed and loaded customer purchases
- Communicated effectively in a team environment
- Maintained safe, clean and appealing shopping environments

Self-Employed   Oct 2010 - Oct 2018

Child Care Provider

Attended to the basic needs of families with children including kindergarten preparation and homework assistance.

- Established short- and long-term clientele relationships
- Provided high-quality and highly attentive child and home care services
- Communicated regularly with clientele to assess needs