RACHEL CONNER

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PERFORMANCE SUMMARY

Machine Learning (ML) & Data Analysis - Tested 6 different machine learning models on CSV file dataset to determine which one is the best to use. The author initially had difficulty understanding the models, but studied the module twice to thoroughly understand models and started project ensuring each deliverable was completed. Received a 100/100 with high praise for written analysis and understanding of code. https://github.com/rachelc313/Credit_Risk_Analysis

SQL/Database Management & Problem Solving - Utilized SQL and Postgres SQL to analyze a dataset provided by the UNCCH Bootcamp, addressing the problem of a "silver tsunami" at a fictional company, "Pewlett-Hackard." Took the project further and received a 100/100 for my work, providing recommendations for the company's preparedness. https://github.com/rachelc313/Pewlett-Hackard-Analysis

Data Engineering & Cloud Services - Leveraged skills in Python, AWS, and pyspark to extract and analyze data from an s3 bucket, determining bias in customer reviews. Organized data to answer the question and proposed further analysis. Received a 100/100 for project. https://github.com/rachelc313/Amazon_Vine_Analysis

- Project Management
- Data Gathering & Analysis
- Database Engineering
- Database Management
- Cross-Functional Collaboration
- Client Relationship Management
- Documentation & Data Reporting
- Strategic Business Analysis
- Team Leadership

TECH STACK

Tools: Microsoft Excel, VBA, Python, Pandas, NumPy, SQL, NoSQL, JSON, HTML/CSS, Beautiful Soup, JavaScript, D3.js, Plotly, Leaflet, R, Tableau, Machine Learning, GitHub, Big Data, Statistics, nueronetworks
Databases: MongoDB, Postgresql
Other: Flask, Git, Command Line

EDUCATION

Data Analytics Certification - Data Analytics Boot Camp at UNC-Chapel Hill, Chapel Hill, NC

PROFESSIONAL EXPERIENCE

UNIVERSITY OF CHAPEL HILL, Chapel Hill, NC
Student, *August 2022 – February 8, 2023*

- Gained significant knowledge in the following areas:

  o **Data Analysis and Visualization:** Courses include Excel, Python, Pandas, Matplotlib, and Tableau for data analysis and visualization.

  o **Data Management:** Courses include SQL, ETL, and advanced data storage and retrieval for managing and extracting data.

  o **Data Science and Machine Learning:** Courses include supervised and unsupervised machine learning, neural networks, and deep learning models for advanced data analysis and predictions.

  o **Web Scraping and JavaScript:** Courses include web scraping with HTML/CSS, JavaScript, and APIs for data extraction and visualization on web platforms.

  o **Data Ethics and Statistics:** Courses include data ethics and statistics using R for understanding the ethical implications of data analysis and understanding statistical concepts.

  o **Big Data:** Courses include Big Data for handling and analyzing large amounts of data

SENTINEL REAL ESTATE CORP, Memphis, TN
Assistant Property Manager, *July 2018 – September 2022*

- Successfully maintained a low delinquency percentage in Accounts Receivable and Accounts Payable

- Implemented new strategies for collections resulting in an increase in income within the first year of employment

- Resolved conflicts and customer dissatisfaction, and assisted in maintaining integrity and ethics in decision-making for the property

- Proficient in Yardi, Microsoft Word, Outlook, Publisher, and Excel, able to handle fast-paced environment and multitasking skills

LEDIC REALTY COMPANY, Memphis, TN
Property Manager, *November 2012 – May 2018*

- Managed a 652-unit multi-family community located in Memphis, TN, with an occupancy rate consistently over 98% in 2018 and over 95% in 2016 and 2017

- Led a team of 13 staff members, including Assistant Manager, Leasing Manager, Leasing Agents, Maintenance Supervisor, Maintenance Technicians, Make-Ready Technicians, Housekeeper, and Groundskeeper

- Managed Accounts Payable and created and maintained annual budgets for two phases of the property

- Proficient in AMSI, Microsoft Word, Outlook, Excel, OneSite, and Yardi, and created marketing solutions to maintain high occupancy rates

- Negotiated pricing with vendors, attended training workshops and seminars, and worked directly under Asset Manager to meet owners' expectations and ensure staff compliance with laws, policies, and industry best practices

- Managed accounts receivable and payable for up to five properties, including a mixed Tax Credit/Conventional property, and supervised leasing staff, including temporary workers

- Continuously enrolled in Fair Housing and LIHTC courses and reported financial status to owners each month, assisted in creating and maintaining the annual budget