

Skills

Python

Libraries: pandas, matplotlib, ggplot2, Folium

R Programming

Packages: dplyr, shinny, ggplot, tm, tidyr

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power Query

SQL

Software: MS SQL Server

Projects

DATA SCIENCE JOB MARKET EDA – Personal Project – Philadelphia, PA

April 2024

- Utilized **Python** to analyze 7000 data science job listings and gain insights on what it takes to land a job in analytics
- Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
- Aggregated and visualized the data by using **pandas**, **matplotlib** and **word cloud** to compile a professional report

BENEFIT PACKAGE BENCHMARKING DASHBOARD – Virtual Client's Project – Philadelphia, PA

February 2024

- Created a dashboard with **Power Bi** to help clients compare between different employee benefit packages
- Transformed and processed client's data by using DAX and Excel to ensure data completeness and validity
- Provided technical insights into how the client can fully utilize their data by introducing different technologies
- Consulted with client to determine the best metrics to be displayed on final product

Academic Project

ONLINE BANKING SYSTEM – SLIIT

Jan 2023 - June 2023

- Developed a user-friendly "Add to Card" feature for an online banking system, enabling users to transfer money directly from their cards. This involved creating intuitive interfaces using HTML, CSS, and JavaScript, and ensuring seamless data management and transaction processing with MySQL. The feature required users to enter their card details to facilitate transfers
- Technologies Used: - HTML, CSS, JavaScript, MySQL

FRESH LEAF - TEA LEAVES SALE AND MANAGEMEN – SLIIT

Jan 2024 – June 2024

- Role - Inventory Management System Developer.
- Developed a MERN-based web application for Fresh Leaf to ensure smooth operations of the inventory management system. As the inventory manager, my responsibility included effectively managing products. The application features a unique capability for the owner to download all user and product details in PDF format. Utilized React and Tailwind CSS for the front end, with Node.js, Express.js, and MongoDB for the back end
- Technologies Used - React, Tailwind CSS, Node.js, Express.js, MongoDB

MYFINACEMATE – SLIIT

Feb 2025 – May 2025

- Role – Loading page, Dashboard
MYfinance Mate is a personal finance web application built as part of an academic group project. It allows users to track income and expenses and visualize financial data through an interactive dashboard. I designed an engaging loading screen for a smooth user experience and developed the dashboard to display key financial data using React and Tailwind CSS.
- Technologies Used: - React, Tailwind CSS, Node.js, Express.js, MongoDB

Education

SLIIT University

BSc (Hons) in Information Technology Specializing in Information Technology

June 2022 - Present

Methodist Central College, Batticaloa

HSC (Physical Science Stream)

2018 – 2021/22