Acheampong Andrews
Statistician

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github repositories

UNDERGRADUATE RESEARCH

AUG, 2024 (LINK)

"Predictive Analytics for Kidney Disease Progression"

seeks centers on leveraging predictive analytics and statistical methods to enhance the understanding and management of Chronic Kidney Disease (CKD). Through the analysis of extensive clinical datasets, including demographics and medical history, the study aims to identify patterns and correlations crucial for developing accurate prognostic models. By integrating statistical methods, the project seeks to establish risk factors and contribute to the creation of efficient tools for assessing CKD progression. The ultimate objective is to enable early intervention, tailor treatment plans, and improve overall CKD management. This work aligns with the emerging trend of data-driven healthcare, fostering proactive and personalized strategies in CKD care.

PROJECTS

MAR, 2024 (LINK)

African Leadership Group (ALX)
Bible Block Web App

Bible Block represents my individual research and portfolio project, a pivotal requirement for the successful completion of the Software Engineering program at ALX. The primary objective of this project is to develop a user-friendly platform facilitating exploration, reading, and active engagement with the rich content of the Bible.

DEC, 2023 (LINK)

Udemy
Explore COVID-19 pandemic in US

In the face of the global COVID-19 pandemic, our collective resilience has been tested. From adapting to new norms of social distancing to the rapid development of vaccines, communities worldwide have demonstrated strength and solidarity.

JUL, 2022 (LINK)

Udacity
TMDb-movie-Data-Analysis

This project explores a dataset containing details of 10,000 movies from The Movie Database (TMDb). The main goals are to find the genre with the highest votes, identify the most popular genres, and pinpoint those generating the highest revenue. To meet these goals, I thoroughly examined and refined the dataset, ensuring it was well-organized for analysis. The visualization part utilized Matplotlib, a robust plotting library, to create insightful graphs.

OCT, 2022 (LINK)

Udacity
Communicate-Data-Findings

This project analyzes a bike-sharing dataset in the San Francisco Bay area. It involves processing datetime data, handling missing values, and exploring the relationships between variables like duration seconds, bike ID, member gender, and bike sharing. Key insights focus on these variables, highlighting patterns and influences. The goal is to provide con-

EDUCATION

2022 - DATE	**Full Stack Software Engineering** Back End *African Leadership Group (ALX)*
2024 – DATE	**Bioinformatics** Theory & Practical *Udemy*
2020 – 2024	**Bachelor of Statistics** Department of Statistics and Acturial Science *Kwame Nkrumah University of Scinece and Tech*
2024	**Data Science** R (tidyverse) *Udemy*
2022	**Nanodegree Data Analyst** Python *Udacity*

EXPERIENCE

SEP, 2024	**Basic Molecular Biology Module 1: Basic Science** *CDC DIVISION OF LABORATORY SYSTEM*
2022	**Data Analyst - Internship** *University Hospital (KNUST)*
2022	**Data Scienc Boot-camp** *PyData Ghana*

SKILLS

BEGINNER	Java
INTERMEDIATE	HTML, CSS, Networking, Computer Hardware & Support
EXPERT	Python, C, DevOps, R, LaTeX JavaScript, SQL

MINI PROJECT

APR, 2022 (LINK)

PyData Ghana
Scripting

In this project, we utilized Selenium, a powerful web automation tool, to script data extraction from the yarnplaza.com website. The focus was on gathering essential information such as Brand, Name, Price, Needle Size, and Composition of various products available on the platform. The extracted data was organized and stored in a structured format within a DataFrame, which was then saved as a CSV file named "Data Gathering1.csv."

cise visualizations and findings for effective communication and decision-making in the context of the bike-sharing system.

REFERENCES

Mr. Isaac Akpor Adjei

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