Greatness Emmanuel-King

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Education

College of William and Mary, BS Data Science expected December 2024 3.6/4.0   **Jan 2021-**
Dean's list Fall 2021

Projects

Covid-19 project   **July 2021**
- Designed and completed a project in which I acquired data about cases per 1000 people in the various states in Nigeria.
- Analyzed the data using matplotlib and several other python libraries (Sklearn, pandas, Numpy, seaborn) to develop models to predict areas more prone to a higher number of cases of Covid-19.
- Applied factors such as population density, poverty rate and literacy rate to determine why some states have a higher number of cases than others.

Malaria Informatics   **May 2021**
- Borders and Boundaries course in which I researched and wrote on the various aspects of malaria in Africa with ArcGIS. https://arcg.is/1S94WW

Car price analysis   **June 2021**
- Analyzed and built a data model to predict the price of cars based on several determining factors including drive wheel counts, Highway mpg, etc .
- Applied Matplotlib, Scipy, Regression Plot, Numpy and Pandas extensively.

Work Experience

Ignite Research Lab, William and Mary   **September 2021- Present**
Research Assistant
- Analysis of the AidData China development finance data to understand what countries, projects and amounts China funds in Africa.
- Applied ArcGIS to map health facilities in Africa.

On Your Left Trading Company Highland Park, Illinois   **August 2021**
Data Analysis Intern
- Analyzed the S&P 500 index data from August 12, 2020, to August 12, 2021, using SQL and python libraries to answer questions about how the value of the index changed in 2021, its volatility based on each day's closing prices.
- Applied SQL, Excel, and python libraries (matplotlib, sklearn, pandas, Numpy, seaborn) extensively.

Extracurricular activities

- Blog**:** https://virtuesvoiceblog.wordpress.com/. A blog where I write to inspire the African girl child amidst the adversities we face in the current African social landscape.
- African Cultural Society
- Society of Women in Computing

Skills

Data analysis in Python (Pandas, Numpy, Seaborn, Matplotlib, Scikit Learn and Scipy), SQL, R**,** ArcGIS**,** Machine learning in data science.