Roseline Maina

DATA SCIENCE | STATISTICS | RESEARCH

I am a qualified and highly dedicated Data Scientist and Statistician looking to add value to people and organizations through my acquired skills as I grow my career. I have proficient knowledge in statistics, mathematics, and analytics with excellent interpersonal and communication skills. As an ambitious and result-oriented professional who is keen on details and a fast learner, I pride myself on being a team member and an astute team player.

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EDUCATION

Data Science
Moringa School

04/2022 - 09/2022　　　　　*Nairobi, Kenya*

Courses
- Data Analysis with Python
- Data Visualization
- Supervised and Unsupervised Machine Learning

Bachelor Of Science In Mathematics (Pure mathematics and Statistics)
Jomo Kenyatta University Of Agriculture and Technology

09/2016 - 04/2021　　　　　*Nairobi, Kenya*

PERSONAL PROJECTS

H1N1 Vaccination Rate Analysis (08/2022 - 08/2022)
- link: https://github.com/mainaroseline/H1N1-Vaccination-Rate-Analysis
- For this project, I created a classification model that predicts how likely an individual is to get vaccinated based on information provided on the individual's background, opinion, and health behavior.
- The tools used for the project were: **excel**, **pandas, matplotlib** and **scikit learn**

Mobile Phone Sentiment Analysis (09/2022 - 09/2022)
- link: https://github.com/mainaroseline/Mobile-Phone-Sentiment-Analysis
- For this project, I worked as part of a group of 6. We created a model that can predict a consumer's sentiments on a particular phone based on the ratings and reviews of the consumer.
- The tools used for the project were: **tableau, pandas, scikit learn,** and **TensorFlow.** we also scrapped data from the amazon website.

King County Housing Project (07/2022 - 07/2022)
- link: https://github.com/mainaroseline/Phase2-Housing-Project
- I performed both inferential and predictive modeling for this project. I wanted to discover which features of a house are the most important to a client when determining which house to purchase and also create a model that would be able to predict the price of a house based on the different features of the house and its surroundings.
- The tools used for the project were: **excel, pandas, matplotlib** and **scikit learn.**

SKILLS

- Programming : Python, Git Bash, SQl, Numpy, Pandas
- Machine Learning
- Visualization : Tableau, Power BI
- Soft Skills: Communication skills, Problem Solving and Working with others

CERTIFICATES

BSC Mathematics (Pure Mathematics and Statistics) (09/2016 - 04/2021)
Second Class Honors

Data Science Certificate (04/2022 - 09/2022)

LANGUAGES

English
Full Professional Proficiency

Kiswahili
Full Professional Proficiency

INTERESTS

- Volunteering and community development
- Travelling