

KARIMI CHRISTINE

DATA SCIENTIST

Summary

Experienced Data Scientist who has demonstrated the ability to develop data analytics and machine learning solutions by aggregating disparate data sources to bring creativity and innovation to the management of any business.

Employment

Nakala Analytics Junior Data Scientist

Nairobi
June 2022 to Current

Implement data science & engineering vision & road map for the various organization we work with.
Deliver multicounty Omni-channel DSE projects.
Use data science to drive high-value use cases such as insurance business, credit scoring, and fraud to the next level.
Solution Development using Data science and Machine learning.
Drive the research direction in developing methods and tools that increase the rigor and efficiency in data science implementation.
Conduct Data audits and Writing Data strategies for various organization
Data Science Trainer where I teach professional Data science crash courses, and SQL.
Creating machine learning, NPL, deep learning model, and applications
Finding customer retention solutions and churn patterns through data analytics

Freelance Data scientist

Freelance
July 2021, July 2021 to Current

Web scarping of over 5 million data set using Beautiful Soup,urllib ,Requests by building scarpy.
Text mining for various sectors.
Churn analysis for some network providers

Ngere Tea Factory Intern

Katanga
Sept. 2021 to Dec. 2021

Identified valuable data sources and automated collection processes.
Analyzed and processed complex data sets using advanced querying, visualization and analytics tools such as SAP.
Built efficient predictive models and machine-learning algorithms.
Proposed out-of-the-box solutions and strategies to business challenges.
Conducted statistical analysis and predictive data modeling that were used to efficiency of productivity .

Projects

<https://github.com/tinajs2018/Can-you-scrape-a-service-websites-with-25-pages-To-extract-the-services-url.Then-loop-through-e>

Mar. 2022 to
Mar. 2022

The objective was to build a web scraper. (Data mining project)
Scrape a service website with 25 pages.To extract the service URL. Then loop through each URL to get the details of the services such as Title of the service, Author, Type, Tags, and location and provide a JSON file which should be converted into a CSV file Notice: Build a scarper which will filter the URL which does not end with promoted.
Tools I used to solve the problem
Beautiful Soup,
Request.
Structure
1 Import the vital libraries. 2 Scrape all the URLs from all the pages by looping through all the pages. 3 Filter the URL not ending with promoted. 4 Build a scarper that will extract all the required files. 5 Create a JSON file and place the scaped data into it. 6 Convert JSON file into a CSV file.

Contact

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Education

Murang'a University of
Science and Technology
Aug. 2018 to
Current
Applied Statistics With Programming
2022

IBM Machine
learning
Jan. 2020 to Apr.
2020

Skills

PYTHON

Pandas
Numpy
Sklearn

PROGRAMMING SQL

MACHINE LEARNING MODELS Supervised models Unsupervised models

NPL

MICROSOFT AZURE

DATA ANALYSIS

SPSS

STATA

ETL

TABLEAU,

DATA ENGINEERING SKILLS

sparks
Hadoop ecosytem
Cloud services
Apache Hbase
Kafka
Data pipelines tools