DERRICK KURIA

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Github: https://github.com/DerrickKuria

Personal information

An enthusiastic data scientist with experience in executing data-driven solutions to increase efficiency, accuracy and utility of data processing. Great team player possessing skills in using predictive data, modelling and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex problems.

Highlighted projects

Electricity consumption predictor

Project link - https://github.com/DerrickKuria/Electricity-Consumption-predictor

This task involves creating time series models that can learn the trend in consumption based on past electricity consumption data and different climatic information and predict electricity consumption on an hourly basis.

My role in this project was to perform Exploratory Data Analysis (EDA) and part of the Model implementation.

Customer churn predictor

Project link - https://bit.ly/2YtwjMJ

A churning dataset has been provided by Mega Telco, a telecommunication service provider.

As a team of data scientists, we will be using the different variables in the dataset to build models that will determine which customers are likely to churn (switch from one company to another).

work experience

- **Marketing ambassador** – Moringa School (Ngong Road)
  07/2017 -Date
  Roles and responsibilities
- · Do Social Media campaigns and promote Moringa School.
- · Organize meetups for University students taking IT related courses.

- **Data intern -** csayn – climate smart Agriculture Youth network (Kasarani)

  05/2019 – 09/2019

  Roles and responsibilities

· Performing data entry using Microsoft Excel.

  Doing descriptive Data analysis using SPSS.

Education

- **data science**

Moringa School - 03/2020- 08/2020

- **Bachelors of Science Statistics and Programming**

machakos University - 08/2015 – 11/2019

Modules taken include:

· Econometrics.

· Calculus.

· R, SPSS and Stata.

· Quality Control and decision making.

· Probability and Statistics.

Technical skills

Statistical and data analysis ,hypothesis testing, data Mining , data pre-processing ,data cleaning and machine learning.

Technical tools

R, Python , SQL, Excel , Tableau, GitHub , Tensor-flow, GG-Plot , Jupyter , Natural Language Processing, Numpy, Pandas, Matplotlib, SPSS and Stata.

Referees

To be submitted on request.