# Musafiri Kayambi

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Experienced Data Analyst driven to constantly pushing to learn new skills and deliver quality in an efficient way. Adaptable to any situation with strong interpersonal skills, always aiming to help teams reach their goals and beyond. Fluent in English and French.

## SKILLS

**Technical**

- Data Analysis , Data Mining , Modeling and Engineering
- Visualization of Data Insights
- Advanced Excel

**Programming**

- Python (Pandas, Matplotlib, SQLAlchemy, NumPy, Flask, Beautiful Soup, TensorFlow, jkn jnScikit-Learn, Keras, NLTK)
- SQL (PostgreSQL)
- NoSQL (MongoDB)

- HTML5 , CSS3 , JavaScript (D3.js, Leaflet.js)
- Bootstrap
- R
- Tableau

**Soft Skill**

- Adaptable
- Problem Solver
- Team Oriented
- Great Communicator
- Focused
- Self Motivated

## EDUCATION AND CERTIFICATION

**University of California – Berkeley, CA**
Certificate in Data Analytics & Visualization, June 2019

**Kigali Independent University- Rwanda**
Bachelor in Computer Science, December 2011

## WORK EXPERIENCE

**Data Analyst Intern ,** Census 2020 Complete Count Committee
September 2019 - Present

Alameda County, CA

**Stack**: Python, GIS, ArcGIS
- Research, collect and clean data
- Mapping, Visualization using GIS , ArcGis  or Tableau.

## Parking Control Technician

Oakland Department Of Transportation, Oakland, CA                April  2018 - Present

- Enforce moving, stopping or standing violation.

## Racial Equity  Data Analytics Team member

Oakland Department Of Transportation                          May 2019 - Present
**Stack**: Python, Census API

- Pull data using the Census API , Creating interactive data visualizations.
- Identify which census tracts in Oakland are considered to be  "communities of concern ".

## Program Data Analyst

Rwanda Broadcasting Agency                                  2013 – 2014
**Stack**: Python, SQL, ETL

- Interpret Data, analyze results using statistical  techniques and provide report.
- Develop, maintain SQL database,and Optimized statistical efficiency and quality.

## PROJECTS

**New York City -  Green Taxi Analysis**

**Stack**: Python : **https://github.com/kayambi/Taxi_Cab_of_New_York**
- Extract , cleaning data  and transforming  data
- Aggregate data from logs , Analytics and Visualization

**Citi BikeShare Analytics**

**Stack:** Python,Tableau **: https://github.com/kayambi/CitiBike-with-Tableau**
- Extract , cleaning , and transforming  data
- Analytics and Data Visualization