Samuel Muchai Kuria

Linkedin: https:/www.linkedin.com/in/samuel-muchai/
Github: https://github.com/Samuel-Muchai-Kuria

Email : samuel20239@iiitd.ac.in
Mobile : +91 9667156816

EDUCATION

- **Indraprastha Institute of Information Technology, Delhi** — Delhi, India
  Bachelors in Electronic and Communication Engineering — *Jan 2020 - present*
- **Thika High School** — Thika , Kenya
  Higher Secondary Education — *Jan 2015 - Nov 2018*

TECHNICAL SKILLS

- **Languages**: Python(Pandas,Numpy,MatPlotLib, Pyinstaller), SQL(MySQL).
- **Tools**: MS-Excel(Pivot Tables, Dashboards), Google Sheets, Tableau(Data formatting,Dashboards),
- **Developer Tools**:   Visual Studio code, Jupiter Notebook.
- **Relevant skills**: Project understanding, data cleaning, modeling, data visualization, Web scraping, Automation, Selenium Scripting

INTERNSHIP

Heydo Tech
Software Automation Engineer
- Developed robust test **automation scripts** using Selenium and Python, ensuring comprehensive coverage of software functionalities.
- Collaborated with the team to streamline **testing processes**, significantly reducing manual testing efforts and increasing efficiency.
- Aided in deploying Python desktop applications, crafting executable files (EXEs), and configuring setups, demonstrating adaptability across software development and deployment phases.

PROJECTS

COVID-19-global-tracker-for-2020-2021 Github
- Cleaned 120,000 rows of data and developed **interactive dashboard** in Tableau to derive crucial insights.
- Incorporated **tables** across diverse worksheets, employing key performance indicators **(KPIs)** to emphasize vital metrics.
- Produced a visually captivating **visualization** that effectively communicated global vaccination progress throughout 2020-2021

Data-Importing,cleaning-and-dashboard creation-in-Excel Github
- Cleaned and formatted Bike sales data to ensure compatibility with **Excel**.
- Utilized analytical methods to extract valuable insights and information from the data.
- Created visual representations of data patterns and trends using **pivot tables**.
- Developed an interactive dashboard presenting summarized insights for clear understanding.

Youtube Channel Analytic Github
- Developed a **Python script** utilizing the Google YouTube Data **API** to extract and analyze data from multiple YouTube channels.
- The script collects channel statistics and individual video details and identifies the top 10 videos based on views.
- This project showcases proficiency in **API integration**, data manipulation, and data-driven insights for YouTube channel analytics.

Customer Sales Analytic Github
- Transformed raw sales data stored in a CSV file into structured tables, merging them into a powerful **Tableau Dashboard** that facilitated comprehensive data exploration and analysis.
- I to transform raw data into actionable insights and communicate them effectively through data visualization.

ACHIEVEMENTS

- Awarded full university scholarship by ICCR (Indian Council for Cultural Relations) in the year 2020 to study in India for my Bachelor's degree in ECE, (2021-2024).
- Serving as Executive Communications Coordinator for AASI(Association of Africans in India) for the period of 2023-2024. We cater to the needs of all African students across all 28 states of India.

Responsibilities and extracurricular activities

- **Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - October 2023** Completed a simulation involving creating data visualizations for Tata Consultancy Services.Prepared questions for a meeting with client senior leadership. Created visuals for data analysis to help executives with effective **decision-making**. Tasks Completed include: Project Understanding, **Data Cleaning and Modeling**, Data Visualization, Storytelling, and presenting to the Client
- **Accenture Virtual Experience Program Participant :**Participated in the open-access Accenture Virtual Experience Program with Forage. Tasks Completed include: Project Understanding, **Data Cleaning and Modeling**, Data Visualization, Storytelling, and presenting to the Client
- Member of Indraprastha Institute of Information Technology, Delhi(IIITD)'s Cultural council :   The council conducts festivals and college events for the students
- Member of Tasveer Photography Club :   Conducted over 15 events and workshops in college to educate and encourage young photographers, responsible for Covering events in photography and videography.

Main Interests

- Robots and their applications

- Drone technology and its applications

- Data science