Mohamed Najib Adan

+254 716 275 730

najibadan@outlook.jp

https://github.com/NajibAdan
https://www.linkedin.com/in/najib-adan

Education

Nanodegree in Data Analyst
Udacity
November 2022 – February 2023

Bsc in Information Technology, Second Class First Honors
Jomo Kenyatta University of Agriculture and Technology,
January 2016 - June 2019

Experience

INFORMATION TECHNOLOGY INTERN   March 2022 – April 2023
Kenya Pipeline Company

- Implemented Power BI dashboards to allow Safety Officers to monitor the status of unresolved unsafe conditions reported by the organization.
- Migrated the authentications of the internal web apps from local accounts to Single Sign On using Azure Active Directory and Microsoft Graph.
- Created a data warehouse from multiple segmented database solutions used in the organization.
- Designed executive dashboards that tracks how the company is currently performing for the executive management team.
- Researched and prototyped computer vision solutions using OpenCV, YOLO and SlowFast that detect suspicious actions and objects.
- Developed internal dashboards with Dash and Flask to enable department heads to monitor task assignments and progress, saving on PowerBI licenses.
- Performed an in-depth analysis of the attachee recruitment process and assisted the HR department in coming up with business requirements and flowcharts.

IT OFFICER   August 2020 – January 2021
GAB Internation Construction Co. Ltd

- Reviewed vendor contracts and coordinated IT purchases (hardware, software and services) for effective deployment of solutions aligned with user needs.
- Created reports and visualizations of IT expenses and system usage.
- Ensured 99.99% uptime and smooth functioning of all IT infrastructure.

Featured Projects (more details at https://najibadan.github.io/)

Predicting Customer Churn for PowerCo
- Identified the main factors influencing customer churn.
- Engineered new features and used ensemble machine learning to classify customers.
- Evaluated different discount strategies and the effect on revenue.

EdTech Data Analysis
- Performed comprehensive analysis on the customer acquisition process.
- Identified factors that attributed to client attrition at the different lead stages.
- Proposed strategies for enhancing its growth potential.

Empowering Online Retail Business with Effective Insights
- Framed the business scenario by anticipating the questions business leaders will need answers to
- Created visualizations on Tableau based on those business scenarios.
- Communicated findings and explained how each finding relates to the business scenario.

Skills and Expertise

Python, SQL, OpenCV, Django, AWS, Pytorch, Dash, Power BI, Microsoft Graph