










Melaku Mekonnen

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 Portfolio |  Github |  LinkedIn

ABOUT ME

Melaku is an innovative junior data engineer with extensive data engineering project experience. He is well acquainted with Python, Pandas, Java, SQL, Dashboards, Machine-learning data visualization, and data analysis frameworks. He combined data engineering skills with working in a remote environment and has a team-oriented attitude.

SKILLS

- Python, SQL, Bash Scripting
- ETL/ELT, Kafka, Airflow
- Git, DVC, MLflow, Docker
- Data Visualization
- CML, CI/CD, Travis CI
- Power BI, Tableau
- HTML/CSS, Streamlit

Soft Skill

- Team-oriented
- Research
- Communication
- Collaboration

EDUCATION BACKGROUND

Data Engineering & Machine Learning

10 Academy
May 2022 – August 2022

Bachelor of Science in Electrical & Computer Engineering

Addis Ababa University
October 2015 – October 2021

Relevant courses

OOP, Java, C++, Computer Architecture, MATLAB, Applied Mathematics I-III, Economics, Probability and statistic

LANGUAGE

- English – Fluent
- Amharic – Native
- Spanish – Beginner

WORK EXPERIENCE

KIFIYA FINANCIAL TECHNOLOGY

Data Scientist | ML Engineer
August 2022 – Present

Key responsibilities:

- Analyze current and past business and financial data
- Build a predictive model using various machine learning algorithms to predict creditworthiness.
- Build A machine learning pipeline is used to help automate machine learning workflows.
- Consult with the management team to develop long-term commercial plans.

QUICKBET

Data Analyst Intern
December 2021 – April 2022

Key responsibilities:

- Analyze current and past data
- Develop performance reports for branches and provide business intelligence with respect to future expansion.
- Gather, analyze and provide key insights about the customer
- Generate reports and estimate growth trends using various metrics

PROJECT EXPERIENCE

Lidar data extraction from cloud API using a Python module

- Wrote a python code to query and fetch.
- Designed modular python package to connect to the API, and query the data.
- Query the data model to select a specified input and get the desired output.
- Graphically displayed the returned elevation files as either a 3D render plot or as a heatmap.

Pharmaceutical Sales Prediction

- Analyzed the effect of new store openings and promotions on consumer behavior.
- Using Sklearn pipeline, predicted daily sales in various stores up to 6 weeks ahead of time.
- Build Streamlit dashboard to communicate results with employees

CERTIFICATES

Data Engineering Track

DataCamp
May 2022 – Present