

# Project Ukubuka

A lightweight library written in Java which is capable of powerful ETL and data visualizations

## Description:

Ukubuka means "View" or "Visualization" in Zulu which is one of the official languages of South Africa and is spoken by about 9 million people mainly in Zululand.

The inspiration behind this project came mainly from "Project Kibana" which provides visualization capabilities for Elasticsearch cluster. Although powerful, Kibana lacks to produce interactive visualizations defeating its own purpose.

Ukubuka aims at producing high-quality interactive visualizations. It is powerful, lightweight and easy to use. It allows the users to analyze, manipulate and visualize their datasets in a novel and creative ways with no serious programming.

Isn't that cool?

## Team Members:

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## Features:

- **Data Import**  
With Ukubuka, it's possible to import your data from many sources including the text files, CSV files, XML files, and databases etc.
- **Data Analysis**  
You can run various analysis on your data.
- **Data Manipulation**  
You can manipulate your data using a huge bunch of functions.
- **Data Visualization**  
You can visualize your data in novel and creative ways.
- **Data Export**  
You can export your analyzed and manipulated data in the form of flat files and databases. You can also export your visualizations and share them with the world.
- **Workflows**  
You can document your workflows and save them for future use.