TEAM 20

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# Declaration

We as Team 20 declare that this report we’re submitting is of our own and is derived from our own analysis of the data from the medical datasets provided by DTE Consultancy for the Datathon 2023 challenge.

# Acknowledgement

To achieve this is the power of the highest God; we thank him for the far and ideas He has bestowed unto us for the challenge process.

In the process of tackling and accomplishing this challenge we thank our mentor Victor for being there and providing us with ideas on how to tackle challenging steps of coming up with the analysis.

As a team we can’t forget to submit that Datathon has played a role on the challenge by coming up with the challenge and allowing us to participate and providing a room to share and gain from each other and have mentors and meetings to access knowledge from them.

# Background of the Challenge

Analysing medical data hasn’t been an easy task. The challenge has been not only a challenge but an eye opener to medical data analysis. Trying our best to finish before the deadline has been really much of a challenge because we as team had no much idea on medical data analysis, which pushed us so much to revise and get the idea in the medical data analysis context.

This report gives an analysis of the of the medical datasets of; Cancer, Malaria-studies, Heart, Pneumonia-studies, HIV-studies, Covid 19-studies which are some of the leading diseases causing death in Kenya.

The information we’re giving in this report reflects the achievements required by the Datathon challengers on the trends in the data and best level of analysing the data.

# Background of this Analysis

Tools of analysis – R programming language

For the code of analysis check the [HERE](http://www.github.com/Rockjunior/DATATHON)

For the packages required you can check in the file to install