

# Haemoglobin Tracker

## Problem & background

Haemoglobin level plays important role in the health of human being. Surveys shows that women are suffering from low haemoglobin level, due to which women suffers from many issues like low energy, low appetite and it affects on overall productivity of daily chores.

## Solution

we collected dataset of anaemia survey of men, women and children in India. We performed analysis on dataset and use charts for visualization. We also develop a small application to track the haemoglobin level.

## Data Collection

Dataset Link

<https://www.kaggle.com/datasets/nitishsinghal/anaemia-dataset>

## Methodology & Project scope

A step-by-step process to how you plan on reaching your project goal.

- Data Collection – from Kaggle Anaemia Dataset
- Data analysis
- Application Development

## Goals & KPIs

How will you measure the success of your project?

- **Goal 1:** compared anaemia level in men at different ages
- **Goal 2:** compared anaemia level in women in pregnant and non-pregnant
- **Goal 3:** compared anaemia level in men, women and children in different region urban and rural in India

## Concepts Used

Which concepts have you used which have been taught in the Module (Any formula or technique)?

- **Concept 1:** Pivot Table
- **Concept 2:** Charts
- **Concept 3:** VLOOKUP

## **Conclusion**

Anaemia in women is more compared to men and children. Most of the women in Ladakh urban area are anaemic compared to another region. Most of the Men and Children in Ladakh are anaemic compared to other area in India. Women and Children's in Meghalaya are less anaemic and men in west Bengal are less anaemic. We developed a Haemoglobin tracker to keep track of haemoglobin to take preventive measure before its too low.

## **Project owner**

Name: Ayesha Anam Irshad Siddiqui

Date: Mar 10<sup>th</sup> , 2023