**All DAX**

1. **Total Positive Cases:**

Total Positive = CALCULATE(COUNTROWS(Dengue-Dataset), Dengue-Dataset[Result] = "positive")

1. **Total Negative Cases:**

Total Negative = CALCULATE(COUNTROWS(Dengue-Dataset), Dengue-Dataset[Result] = "negative")

1. **Average Hemoglobin:**

Avg Hemoglobin = AVERAGE(Dengue-Dataset[Hemoglobin(g/dl)])

1. **Average Platelet Count:**

Avg Platelet = AVERAGE(Dengue-Dataset[Total Platelet Count(/cumm)])

1. **Average WBC Count:**

Avg WBC = AVERAGE(Dengue-Dataset[Total WBC count(/cumm)])

1. **Age\_Group**

Age\_Group =

SWITCH(

    TRUE(),

    'Dengue-Dataset'[Age] >= 5 && 'Dengue-Dataset'[Age] <= 12, "5-12",

    'Dengue-Dataset'[Age] >= 13 && 'Dengue-Dataset'[Age] <= 20, "13-20",

    'Dengue-Dataset'[Age] >= 21 && 'Dengue-Dataset'[Age] <= 28, "21-28",

    'Dengue-Dataset'[Age] >= 29 && 'Dengue-Dataset'[Age] <= 36, "29-36",

    'Dengue-Dataset'[Age] >= 37 && 'Dengue-Dataset'[Age] <= 44, "37-44",

    'Dengue-Dataset'[Age] >= 45 && 'Dengue-Dataset'[Age] <= 52, "45-52",

    'Dengue-Dataset'[Age] >= 53 && 'Dengue-Dataset'[Age] <= 60, "53-60",

    'Dengue-Dataset'[Age] >= 61 && 'Dengue-Dataset'[Age] <= 68, "61-68",

    'Dengue-Dataset'[Age] >= 69 && 'Dengue-Dataset'[Age] <= 76, "69-76",

    'Dengue-Dataset'[Age] >= 77 && 'Dengue-Dataset'[Age] <= 80, "77-80",

    "Other"

)

1. **Age\_Group\_Sort**

Age\_Group\_Sort =

SWITCH(

    TRUE(),

    'Dengue-Dataset'[Age] >= 5 && 'Dengue-Dataset'[Age] <= 12, 1,

    'Dengue-Dataset'[Age] >= 13 && 'Dengue-Dataset'[Age] <= 20, 2,

    'Dengue-Dataset'[Age] >= 21 && 'Dengue-Dataset'[Age] <= 28, 3,

    'Dengue-Dataset'[Age] >= 29 && 'Dengue-Dataset'[Age] <= 36, 4,

    'Dengue-Dataset'[Age] >= 37 && 'Dengue-Dataset'[Age] <= 44, 5,

    'Dengue-Dataset'[Age] >= 45 && 'Dengue-Dataset'[Age] <= 52, 6,

    'Dengue-Dataset'[Age] >= 53 && 'Dengue-Dataset'[Age] <= 60, 7,

    'Dengue-Dataset'[Age] >= 61 && 'Dengue-Dataset'[Age] <= 68, 8,

    'Dengue-Dataset'[Age] >= 69 && 'Dengue-Dataset'[Age] <= 76, 9,

    'Dengue-Dataset'[Age] >= 77 && 'Dengue-Dataset'[Age] <= 80, 10,

    BLANK()

)

1. **Mean of Each Parameter**:

Correlation\_Hemoglobin\_WBC =

CORREL('Dengue-Dataset'[Hemoglobin(g/dl)], 'Dengue-Dataset'[Total WBC count(/cumm)])