

## TASK REPORT

In this week's task, I carried out two tasks to strengthen my skills in R-programming for data science.

First, I performed simple visualization on the data set "astrocyte\_data". I created barplots, histograms, boxplots, added legends and labels.

Next, I installed all the packages that would enable me perform ggplots on the data set "aflatoxin\_data". I continued to melt data, stack barplots, create pie-chart, histogram and scatter plot while applying colors. I then created heatmaps which I manipulated severally to create what suits my taste.

In conclusion, this task has strengthened my skills in R-programming for statistical analysis/visualization.