HACKATHON REPORT

*“Healthy Lifestyle”*

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1) We imported the data from the hackathon into the jupyter notebook.

2) Then, we handled the missing data by imputing the object column’s by its ‘mode’ and numerical column’s by its ‘mean’.

3) After that we encoded the object columns by using “label encoder”.

4) After encoding we started EDA, first(i.e, univariate analysis) we plotted the distribution plot to check normal distribution and found no skewness.

5) Then we checked for outliers using “boxplot” and then removed outliers in data preprocessing part.

6) We scaled the data after splitting it into x and y using “standard scalar”.

7) Finally, we trained the model using different type of classifiers and evaluation metrics as “accuracy score”.

8) “XGBoost” comes out as the best model and then we predicted values on test data and also done the hyperparameter tuning on “XGBoost”.