DESCRIPTION

**LUNG CANCER PREDICTION USING MACHINE LEARNING**

The lung cancer prediction project is a health condition prediction project that aims to analyze and accurately predict the condition of patients who are positive or negative for Lung cancer.

The project objectives are to;

* Clean and format the dataset for analysis and visualization of the features associated with Lung cancer
* Derive insights and analyze the generated visuals of the factors contributing to lung cancer.
* Employ a machine-learning model that supports the type of data to be used for prediction.
* Evaluate the model by showing the classification report (i.e. f1-score and accuracy), confusion matrix to show the error types (type I or type II).
* Demonstrate commitment to ethical data practices while contributing to developing data-driven healthcare solutions.