According to GLOBOCAN statistics for 2020, the number of persons who have cancer and pass away from it is rising. Big data has made it possible for us to fight this terrible disease, though. Only 10% of the causes of cancer are endogenous, such as genes, age, and genetics. The remaining more than 80% of the causes of cancer are a group of modifiable factors, such as lifestyle, environment, and so on. In this project, we attempt to do detailed datasets of numerous cancer patients, which info about their lifestyles. In order to develop preventative measures, we want to identify the elements that might cause cancer from cancer patients' daily lifestyles. Also, our goal is to predict customer credible from the dataset and gain some insights on how those elements impact on our health.

**Introduction**

**Dataset**

This dataset info about hundreds of cancer patients about their lifestyles.

**Content**

* **PatientID:** ID of each patient
* **Age:** Age of patient
* **Gender:** Gender of patient (1 = Male, 2 = Female)
* **Air Polution**: Air pollution that each patient is exposed to (the levels ascend from 1 to 8)
* **Alcohol use:** Alcohol use of Patient (the levels ascend from 1 to 8)
* **Dust Allergy:** Severness of Patient's dust allergy (the levels ascend from 1 to 8)
* **OccuPational Hazards:** Patient's occupational hazards (the levels ascend from 1 to 8)
* **Genetic Risk:** Genetic Risk of Patient (the levels ascend from 1 to 7)
* **Chronic Lung Disease:** Chronic lung disorder of patient (the levels ascend from 1 to 7)
* **Balanced Diet:** Balanced diet of patient
* **Obesity:** Whether or not the patient is obese (the levels ascend from 1 to 7)
* **Smoking:** Patient's smoking habits (the levels ascend from 1 to 8)
* **Passive Smoker:** Patient's smoking habits cont'd
* **Chest Pain:** Patient's chest pain (the levels ascend from 1 to 9)
* **Coughing of Blood:** If patient coughs blood (the levels ascend from 1 to 9)
* **Fatigue:** Patient's fatigue (the levels ascend from 1 to 9)
* **Weight Loss:** If there was a significant weight lo (the levels ascend from 1 to 8)
* **Shortness of Breath:** Patient's experiences of shortness of breath (the levels ascend from 1 to 9)
* **Wheezing:** Patient's wheezing (the levels ascend from 1 to 8)
* **Swallowing Difficulty:** Patient's swallowing difficulty (the levels ascend from 1 to 8)
* **Clubbing of Finger Nails:** Patient's clubbing of fingers (the levels ascend from 1 to 9)
* **Frequent Cold:** Patient's frequent cold (the levels ascend from 1 to 7)
* **Dry Cough:** Patient's dry cough (the levels ascend from 1 to 7)
* **Snoring:** Patient's snoring habits (the levels ascend from 1 to 7)
* **Level:** Patient's level of cancer