##### **Lung Capacity and Smoking in Youth**

The health and smoking habits of 725 youth

##### **Details**

The data give information on the health and smoking habits of a sample of 725 youths, aged 3 to 19, in East Boston during middle to late 1970s.

A data frame with 726 observations on the following 5 variables. (The data frame lungcapsub contains the data only for smokers, and hence does not contain the variable Smoke.)

**Age(years):** the age of the subject in completed years; a numeric vector

**LungCap(cc):** the forced expiratory volume in litres, a measure of lung capacity; a numeric vector

**Height(Inches):** the height in inches; a numeric vector

**Gender:** the gender of the subjects: a numeric vector with females coded as 0 and males as 1

**Smoke:** the smoking status of the subject: a numeric vector with non-smokers coded as 0 and smokers as 1

**Caesarean:** Yes or No

**Data could be easy accessed within R**

>data(lungcap)

**Minimum Steps for exploration:**

1. Importing the dataset into R

2. Understanding the structure of dataset

3. Graphical exploration

4. Descriptive statistics

5. Insights from the dataset



