Dataset is made up of around 33,000 patients who answered a survey about their health all participants suffer from either Crohn’s or **Ulcerative colitis** disease (both IBD diseases).

Dataset contains information of **patient’s gender, BMI, diagnosis (type of disease), hospital admission, age range, smoker, past smoker, diet and cancer or heart disease**.

Table

Description automatically generated

Graphs and charts need to be interesting to look at and simple and easy to understand to patients. Questions I would like answers are below and some suggestions of graphs.

1. **Table and insight fact to show age of participants and bmi (example below) would like to compare table/graph from dataset to the one below** Chart, bar chart

   Description automatically generated

* If your BMI is less than 18.5, it falls within the underweight range.
* 18.5 to 24.9 means you're a healthy weight
* 25 to 29.9 means you're overweight
* 30 to 39.9 means you're obese
* 40 or above means you're severely obese

1. **Which type of IBD tends to have sufferers of a higher bmi?**
2. **Which type of IBD has more sufferers that smoke or previously smoked?**
3. **Which type of IBD has more cancer sufferers ?**
4. **Which type of IBD has more heart disease sufferers?**
5. **Which age group is most effected by Ulcerative colitis (diagnosis type 2 in dataset) ? (comparing male and female) similar to graph below**
6. Chart, line chart

   Description automatically generated