

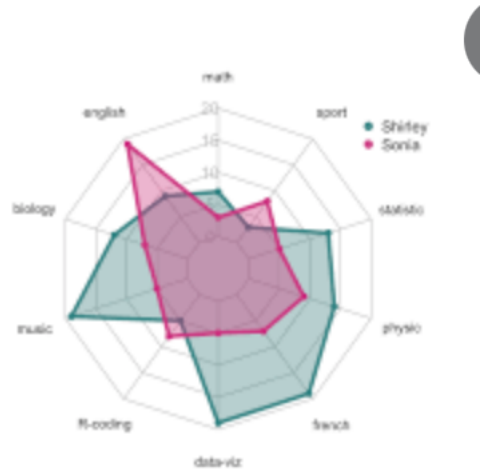
Dataset is made up of around 33,000 patients who answered a survey about their health all participants suffer from either Crohn’s or **Ulcerative colitis** disease (both IBD diseases).

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

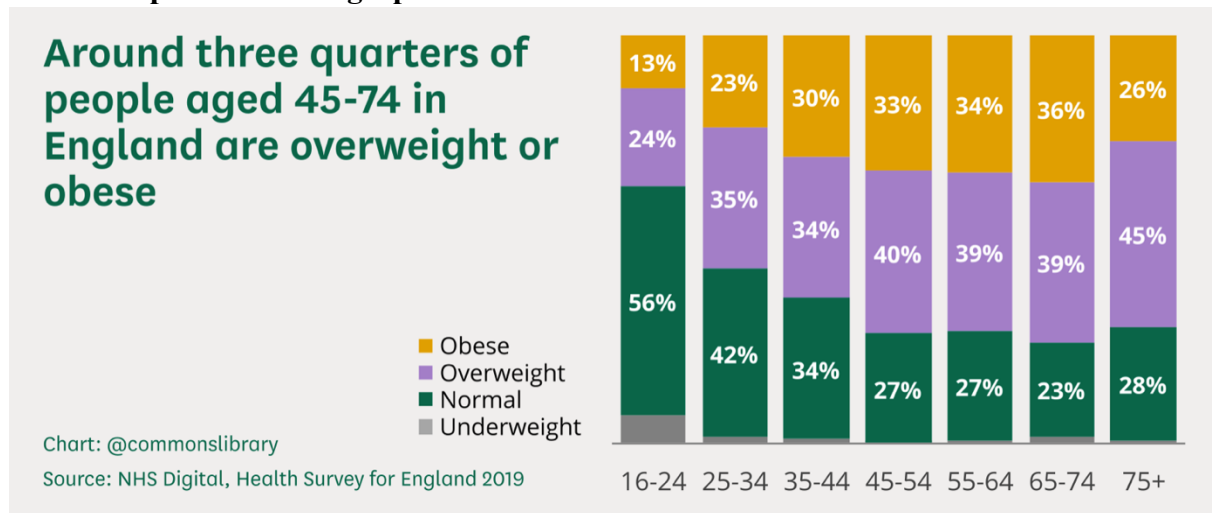
Table 1			
Information	Fieldname in dataset	Coding	
Bmi	bmi		
Approx. age	age_band_jan1		
Gender	gender	1=male, 2=female	
Specific diet type	diet_preference		
Type of IBD affected by	diagnosis	1, Crohn's	
		2, UC	
		3, IBD - type unspecified (IBDU)	
		4, Other	
Hospital for treatment	hosp_admin	1, Yes I 2, No I 3, Not known	
Cancer - yes/no	cancer		
heart disease - yes/no	heart_disease		
Current or past Smokers – yes/no	smoker		
	past_smoker		

Answer the following questions with graphs.  
As the following examples.

**show an example of one or two random patient results compared to the rest of the dataset**



**Table and insight fact to show the age of participants and BMI would like to compare the table/graph from the dataset to the one below**



- 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

**Which type of IBD tends to have sufferers of a higher BMI?**

**Which type of IBD has more sufferers that smoke or previously smoked?**

**Which type of IBD has more cancer sufferers?**

**Which type of IBD has more heart disease sufferers?**

Which age group is most affected by Ulcerative colitis (diagnosis type 2 in the dataset)? (comparing male and female) similar to the graph below

