**Breast Cancer Wisconsin Dataset**:

This Excel dataset consists of information about breast cancer tumours and was initially created by Dr. William H. Wolberg. The dataset was created to assist researchers and machine learning practitioners in classifying tumours as either malignant(cancerous) or benign (non-cancerous).

**Some of the variables included in this dataset:**

* ID number
* Diagnosis (M = malignant, B = benign).
* Radius (the mean of distances from the centre to points on the perimeter).
* Texture (the standard deviation of gray-scale values).
* Perimeter
* Area
* Smoothness (the local variation in radius lengths).
* Compactness (the perimeter^2 / area - 1.0).
* Concavity (the severity of concave portions of the contour).
* Concave points (the number of concave portions of the contour).
* Symmetry
* Fractal dimension ("coastline approximation" - 1).

Analysis Questions:

* What is the proportion of benign and malignant tumours?
* What is the correlation between tumour radius and perimeter?
* What is the average smoothness of the tumours?
* What is the distribution of the concavity of the tumours?
* What is the median area of the tumours?