

Question 1

Using the dataset (<https://www.kaggle.com/raddar/nodules-in-chest-xrays-jsrt>) file name is **jsrt_metadata.csv**:

1. Find the total number of patients of each disease (diagnosis) and plot in histogram.
2. Find the total number of patients of each disease (diagnosis) with respect to the disease state(malignant or benign) and plot in a pie chart.
3. Find and plot via pie chart the total number of patients of each disease (diagnosis) with respect to the gender(Female, Male)