What is Bloom filtering, Count min sketch, how do they work, when do they give the right answer, when do not?

The main idea of Flajolet-Martin algorithm? (what is it they for, what do we count, how we estimate the required answer? )

The main idea of DGIM algorithm? (What is it they for, what do we count, how we estimate the required answer)

What are clustering features? What can we compute from them?

How does Single pass k-means and the leader algorithm work?

What is naive Bayes classifier, how does it work? What is multinomial Bayes?

What is entropy and Gini and what are they used for?

the main ideas of Very fast decision tree algorithm, how Hoeffding bound is used in it?