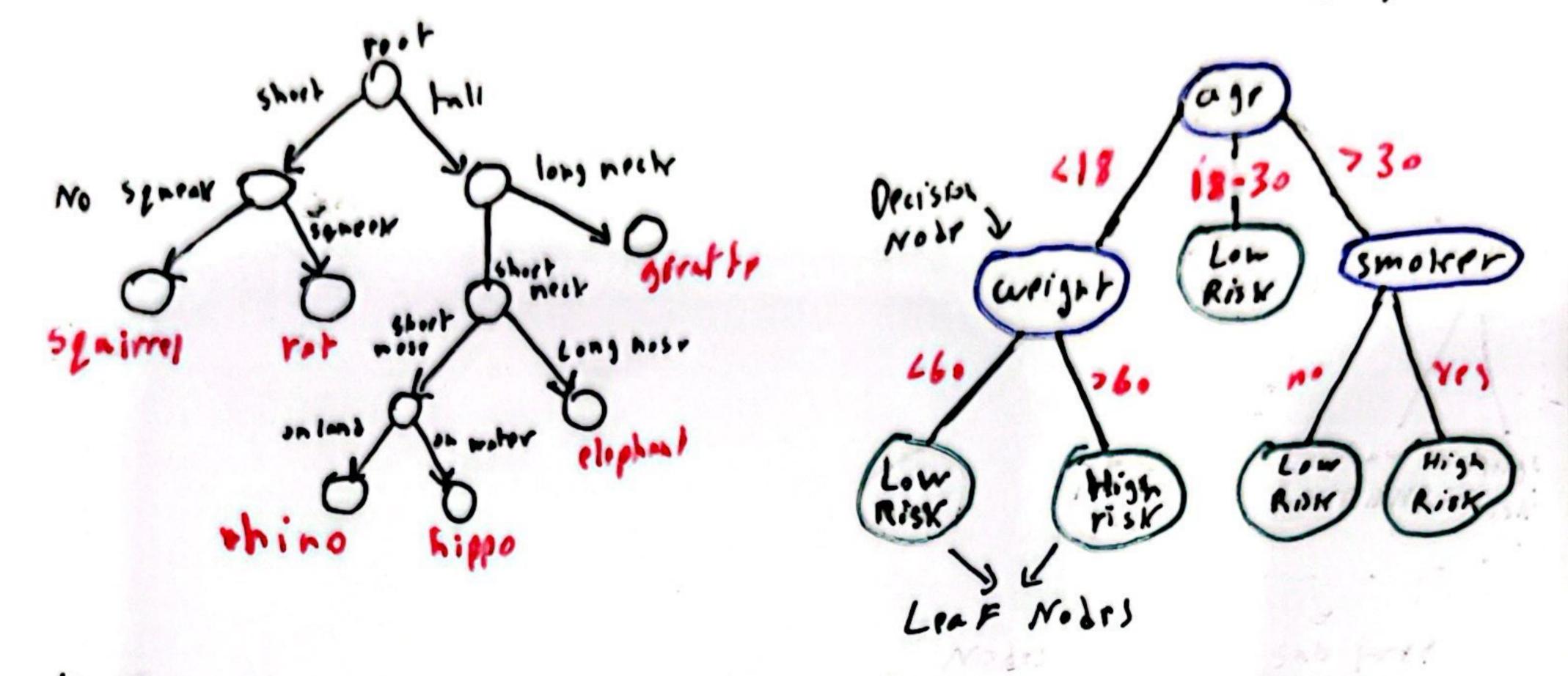
Decision trees

(- supervised)

- a tree with a series of Yes No style anestions that allow us to partition a data set into several Dimentions

· Anind classifier

· Heart attack Risk



A the goal of this algo is to have Leat nodes that are as pure as possible in instead of roudonly spliting 12r deta split 0 we try to find splits split A That I rad to the resulting Low promise groups of Iraks to be a + 6 5 TLSF purp as possibly it as Fru dutapoints ove mil classifit d

High pracis

In semble Algorithms

decision tree is simple but he can make it powerful combining many decision tree boothers combining many simply ML models to a better model is called Ensemble Algorith

A type, of Ensembles for Decisia trees more on rext by Jaz

Ensemble mehad	Hon it works	An -1099
Bagging	trains many trees on random subsets of data. final results: Bry (regretion) or Majority (classification)	ash looppl who sa w parh of the story
Bodsting	trains trees separatially each trins to five mistakes of previous one final population is weighted on a work	10+ MIONS
Rindom Forests	24 treealso was a rand one subset of features	dent all as a same attributes