Chapter-6: Machine Learning

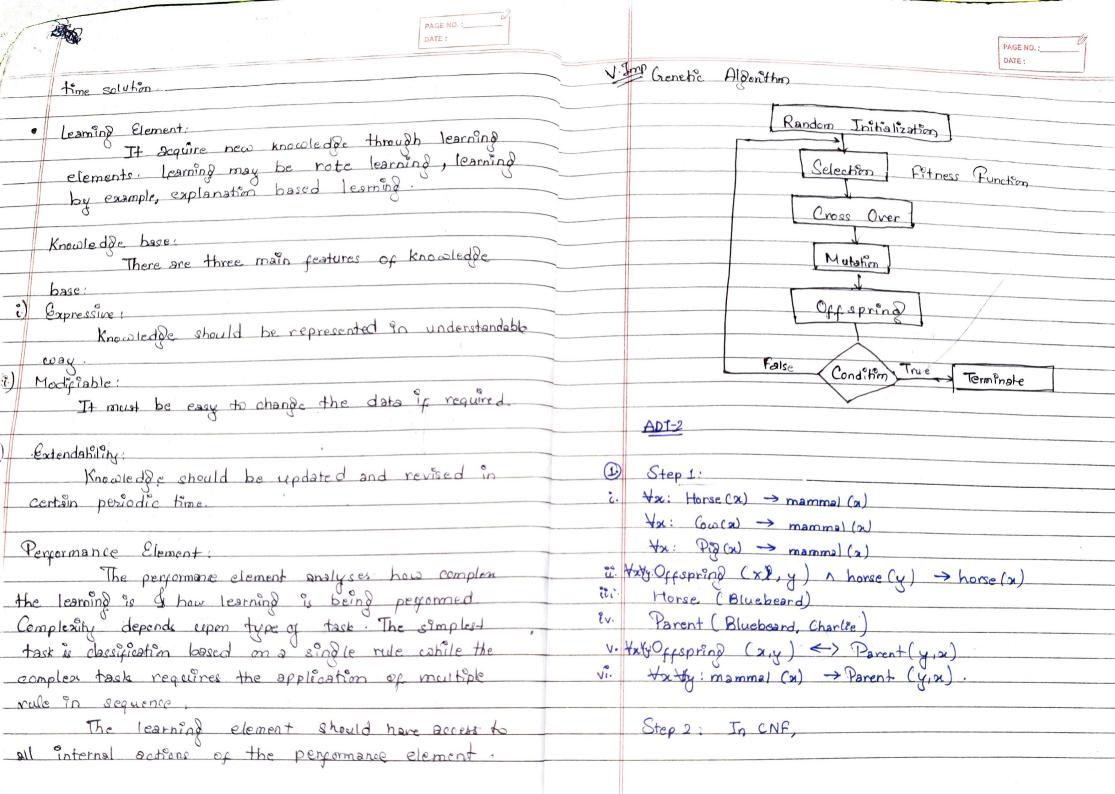
Learning is the process by which a system improve from experience. It is an area of AI that focus on the process of self improvement. A computer program is said to be yearn't from experience performance measure (p). It's performance at task T is measured by P which is improved by experience E. There ende a learning system is characterised by task(T), experience (e) and performance measure (P).

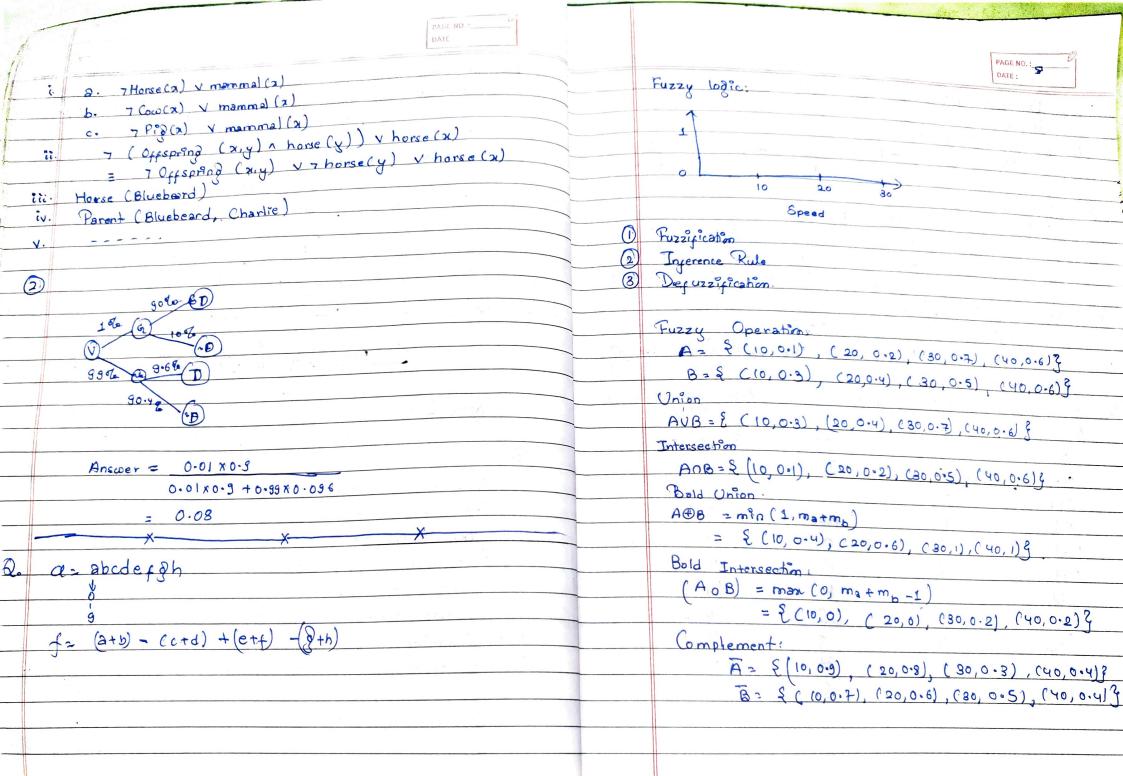
Types of learning. i) Supervise learning.

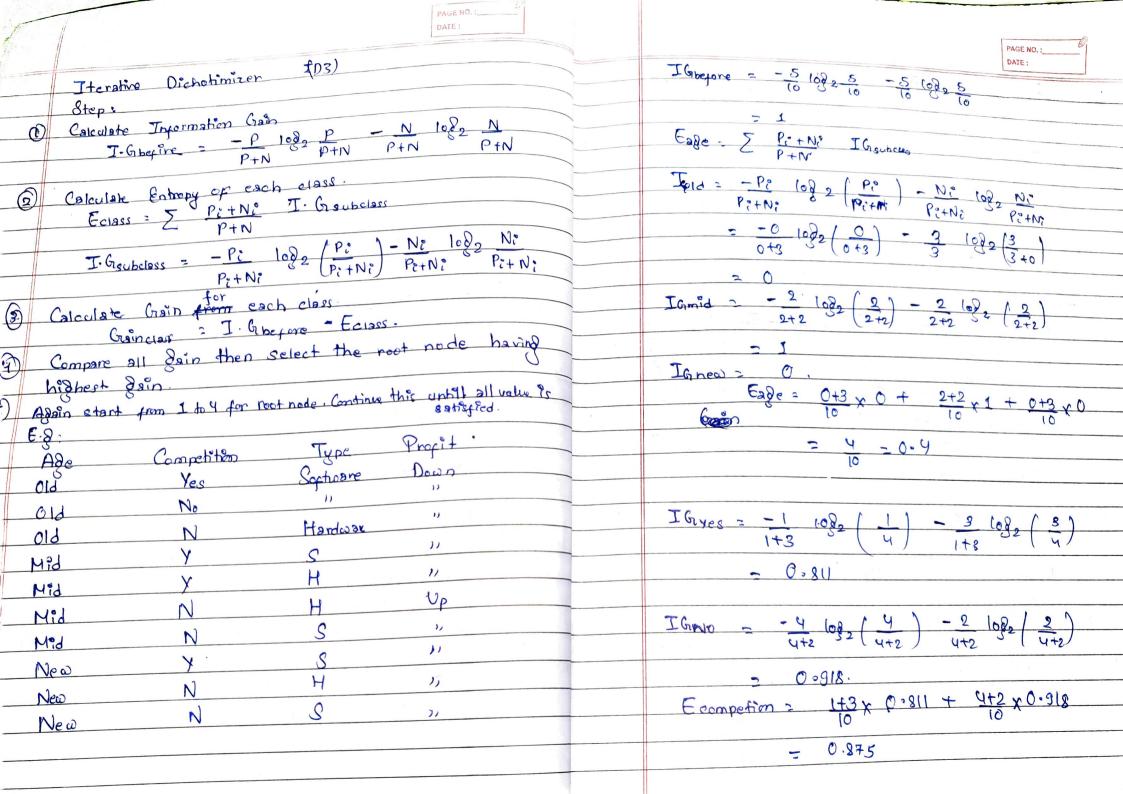
In this technique, a teacher is available who provides the co desired sation corresponding a perception. A set of perception action pair is known as training set.

(i) Unsupervise learning

In this technique there is no label data. The learner only discover some pattern consist of collection of perception. This are also called exploring learning Eg: Finding out malicious 2 affact from a sequence of analomous data packabe.







Again, IGbefor 1.