1 1. True

If there exists a goal, DFS is guaranteed to find it.

- 2. False
 It should be remaining steps to goal.
- 3. True (or1B).
 Whenever 7A 17B 1 C is true, we can reduce it to 1A1 > 1A17B is true

taking a go taking - algora is also

- 4. False Inference is NP-complete.
- 5. False
 The book gives dexample of proof proadures that are sound & complete.
- The model might not fit well if data is more complex.
- 7. True
 The model might overfit, and cause high variance.
- 8. The Until there's not mough examples to split.
- q. False
 I quess you can argue it either way, but that sounds too simplistic.
 There's ealso many things, like knowledge representation to even start.
- 10. Fixe True?

 It seems true. Seems like a lot of difficulty to build a model that fits by fiddling around with things (like layers in ML).

- 1. For all those who are people, a parent of a parent is a grandparent. α . α . β . β . β .
 - b) Sound: Every atom that we derived is a logical consequence of KB.

 The proof is in the book. If we start from an atom & just go picking things that can be derived from our derived atoms, it has to be sound.
- Complete Proof is complete if KB = g implies KB + g.

 SKB |= g. Then g is true in Hmrdel of KB, and thus true in the model defined by min fixed point -> g is in C -> K + g.
 - 3 . a) A member of a list is either its head or a member of the tail list.
 - b) subset (T], L): member (H, L), subset (T, L).
 - a) A list is a subset of another list if it's either an empty list or its head is a member of the other list and the tail is a subset of the other list.

in al religious descent our straight lines

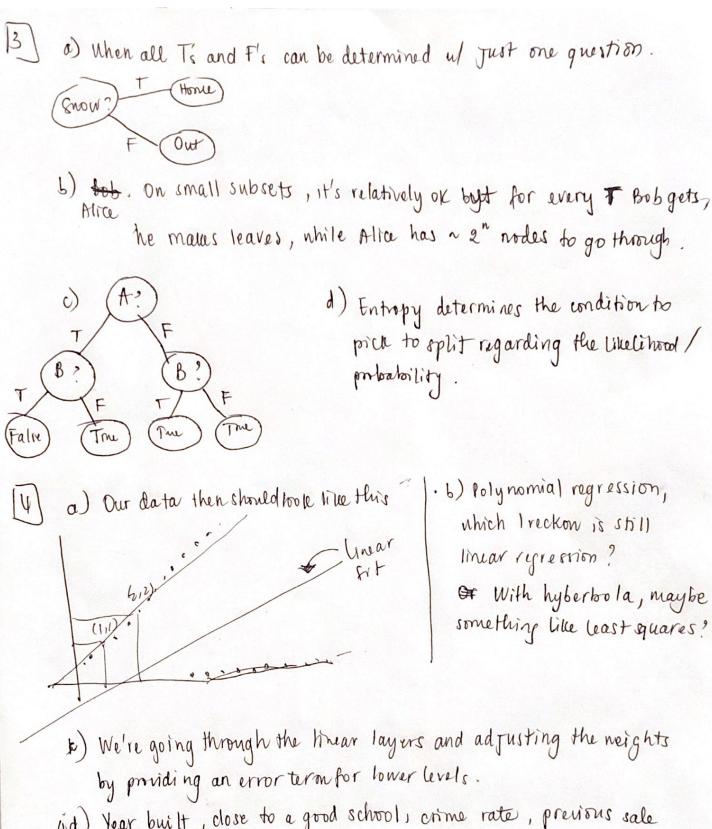
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4d) Year built, close to a good school, crime rate, previous sale prices or reighbor sale prices.

[1980, True (maybe in distance), .1% per x miles, \$400£]

5) Linear function of a linear function is linear frecision; how true it is
b) Precision = True Positives Recall = True Positives Recall: how complete