

Q What is inference engine?

Q What is probabilistic reasoning?

Q What is search path?

Q What do you understand by supervised & unsupervised learning.

Q What are possible heuristics for Travelling salesman problem?

Q Explain with example how unification algo works?

Q What is monotonic & non-monotonic reasoning?

Q How AI handles reasoning under uncertainty?

Q What is the relevance of search & control strategies in problem solving?

Q What is heuristic?

Q Distinguish b/w fact & predicate.

Q Explain Bayesian N/w.

Q What is conditional planning?

Q What is state space? Explain Partial order planning?

Q Distinguish b/w Forward & backward chaining.

Q Advantage of logical reasoning?

- Q Implement challenges in temporal constraints.
- Q Feature of utility function in decision making.
- Q Significance of planning in the blocks world.
- Q Describe any 4 informed searching techniques in AI.
- Q Mention criteria for the evaluation of search strategy.
- Q ~~where~~ what are the diff b/w & similarities b/w problem solving & planning.
- Q Explain Dempster-Shafer theory with example.
- Q Differentiate Partial order plan with total order plan.
- Q How do we represent states, goals & actions in planning? Explain with eg.