17 Metamask is a software couptocurrency wallet used to Poteract with Blockchain is a decentralized distributed and public digital ledger that is used to second the transaction Couptocutency is a digital curreny, which is a alternative form of payment created using encryption algorithms NFT - Non-fungible means somthing Merke tree also known as howh tree - double spending - same money for different questions Pragma Ps configure the version of solidity SPDX: - Software package data 4 9

Hot wallet 1- Crypto storage used online software to protect the private key

Cold walkt: - Crypto storage uses

ofline electronic to protect

the private key view - only speed and no states
will be changed

pure 1- on state will be changed

and read. Smoot contract is directly controls he transaction, 12 6 saution that send 4

DAA 1) groppedy Algorithm :- Ps find the solution of problem in shortest 2) Huffmanecoding - compress text to smaller size without information loss - time comple o(nlogn) Fibonacci recursive calls itself until some exit condition is reached non-secursive above does not itself depend on any other terms in the sequence. s\_n=n2 time complexit TCN) space complexty is o(1) N-queens o- Nchess quessis an NXN chessboard so that no two queen attack each other backtracking: - method of solving the coputational problem using knapsack problem :- you need to pack q set of items with given values and sizes into a container with a maximum capacity time o (nlogn)

Dynamic approach : breaking down the problem into smeller and yet smaller persible

branch & bounds - principle that the total set of feasible solution can be partitioned into smaller: subsets of solutions

Parlan marilding marildaning

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Roundom Forest Regression is a supervise learning algorithm that uses an ensomble learning mothed for sudsession in Wr. linear regression used to prodict the value of a variable based on the value of another variable a logistic regression is a date canalysis technique that uses es mathematics to find the relationes ships bet two data factoria outliers are those duta point that are significantly different from the assest of the darka set Duta proprocossiny: Claur & organizing the saw derta'it suitable for building and training madrine learning models