16c-1 Data Structures and Algorithms Main Memory > Rege No Introduction to Data Structures & Algorithms: 1. Placement Prep. 2. C/C++ Data structure > way to arrange data in main memory for efficient usage Ex: Arrays, Stru linked list, Stack, Quie, etc Algorithms: -> sequence of steps to solve a given problem e.g. Sorting an Array Read, Retrieve Data base: HDD Fb Data warehouse: zegacy data. Data base Big data: presh memory fayout Data Heap: m2 fn21 stack momory Statictglobal > Main() code segment Reg. For Ram 169B Dynamic fund() & k= fun 2(); pti = mattect int Main () & fun1(); < PEr Database: - collection of Information in parmanent storage for faster retrievel and opdating. Warehouse: - management of huge data of Legacy data for better analysis. Big Data. Analysis of too large or complex data, which cannot be dealt with the traditional data processing applications













