LASK 4 \* What is ETL: ETL stands for Extract, Transform, Load which is a process used to collect data from moltiple system and store into one system It consist of 3 steps Extraction: in this process data from multiple database, files, legacy system, web server is collected. Transform: In this stage all idada quality is check & then their electron process for deansing, de Luplication, verification is applied. to transform it Load: In this stage data is load to a new destination confaining walvable.

\* What is ELT: It is similar to ETL but it occurrence of step or are dissimilar to ELT here seg is Extend, load, Transform Date from different sources is collected & load into one system then transform it is more efficient then ETL because Transfermation is Jone after load as transform take processing power of database to work better

\* 3 lier Architedure in DE: ANS The 3 ties exchitecture in is a design pattern for building date processing system The 3 layers are Application: It is responsible for business logic that includes process Eservices -6 transform data like ETL, moetine learning model ele Presentation: It is responsible for DI It embles user to interest with the system inform of Leshboard, report & visualization. Data layer. It is responsible for storing date either in You are processed from the include detailable, with ourse or

