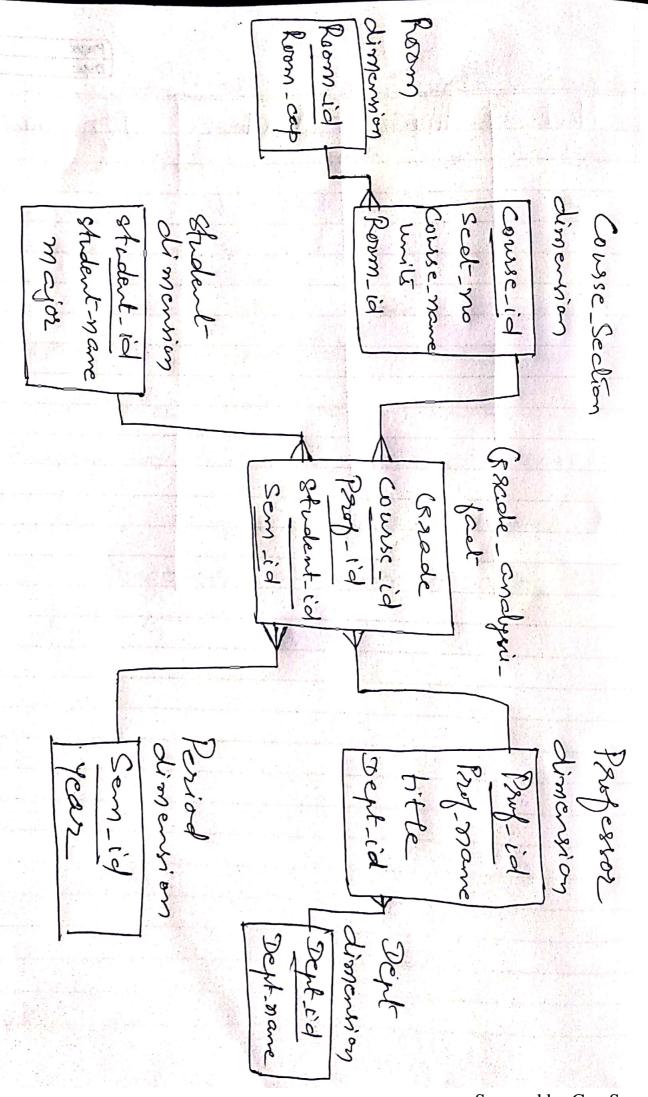


The Dw contains data for 30 months The number of sementers = 30:16 = 51 - The number of course_Sections offered in a somester = 500 - Each course-section has 60 students. Each student is assigned a grade for each course-section i. The number of grades to be Recorded in each semester = 500 × 60 = 30,000 : The Total number of grades to be Recorded in 5 semesters = 30000 x5 = 1,50,000 ". number of records in fact table = 1,50,000 Size of each attribute = 5 bytes no. of attributes in fact table = 5.

1. Size of each and fact record = 5 × 5 = 28 byte. 1- Size of fact table = 1,50,000 x es = 37,50,000 by (c) To convert star schema into snowfleke schema, we need to identify the attributes in each dimension that are at low cardinality. Such attributes are separated & stored in a subtable.

- In the chove star schema, course-seeling A professor dimensions have such attributed - Room-id of Room_cap in course-seeling dimension are at low condinality - Similarly, Deptid & Dept-Name attributed

in projessor dimension are at low cardinality.



Scanned by CamScanner