AGGREGATION

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Q) Aggregation with proper Example.

ANSWER

The word Aggregation itself means "The formation of a number of things into a cluster."
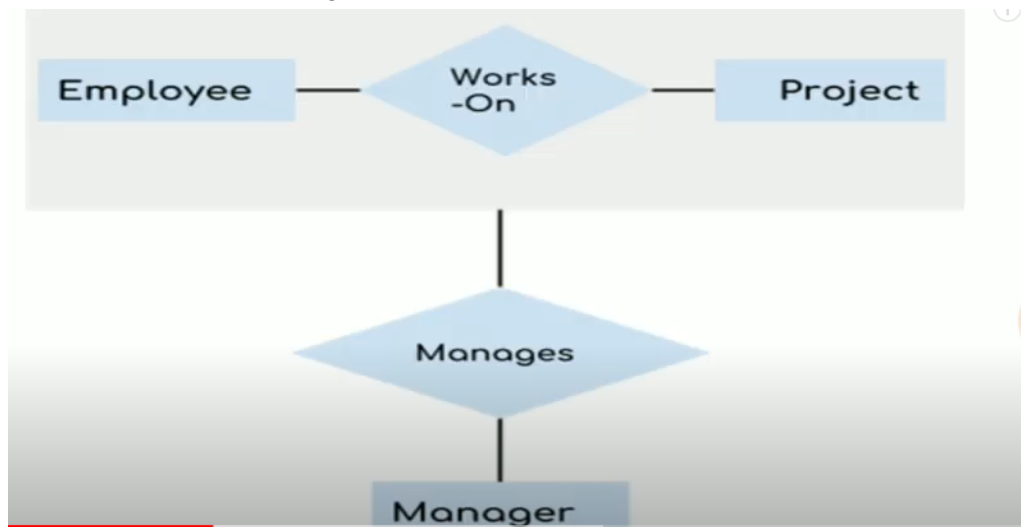
In Database language, In simple words we say that Aggregation is when two entities are treated as a single entity or we are compiling information of the object into one.

Addregation works on relations rather than entities. Because it makes it easy to correlate with other entities.

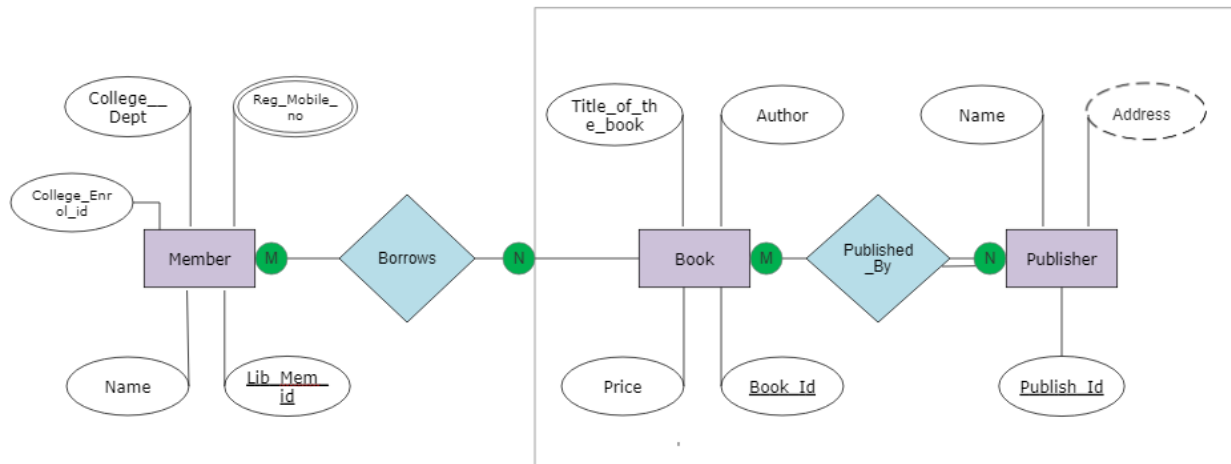**Examples to understand aggregation**

Example 1)

In the below ERD you can see that manager manages employees and manager manages projects. So we can put employees and projects in a single entity as the relation of both the things are same as per the manager's perspective.

ERD Diagram showing aggregation

Example 2)

Suppose, a member of a library needs to borrow one book. So, In that case the book and publisher of that book can be considered as a single entity. But the situation is that the borrower should prefer the book on the basis of the publisher. Like I want a book written by Chetan Bhagat.

ER Diagram showing Aggregation