Database Systems

Unit 1

Attributes vs. Entities – Entity would be car for example. Make, model, car, etc. are attributes.

Entity to entity relationship only, not attribute to entity

Entity is being described by attributes

Tell if attribute if it is describing something/characteristics of a thing

Weak entities – depends on some other entity for existence ex. COURSE and SECTION, SECTION is weak without being connected to COURSE.

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3NF – all attributes are functionally dependent on the keys, must be a 2NF first. Cannot have transitive dependencies (a non-key determining another non-key)

2NF – transitive dependencies only, no partial dependencies

1NF – partial dependencies