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Lab 9

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Functional Dependencies:

People Table

PeopleID \rightarrow FirstName, LastName, Age, Address, ZipCode, PhoneNumber

Zip Code Table

ZipCode \rightarrow Country, City, State

Coach Table

Coach_ID \rightarrow Years_Coaching

Head Coach Table

(Coach_ID, TeamType) \rightarrow TeamName

Assistant Check Table

(Coach_ID) \rightarrow

Assistant Coach Table

(Coach_ID, Team_Name) \rightarrow TeamType

Player Table

(Player_ID, TeamType) \rightarrow Team_Name

Team Table

(Team_Name, TeamType) \rightarrow Coach_ID

My Defense

My database is in 3rd NF because each attribute is solely dependent through primary keys and composite keys. What is helping my DB be in 3NF is the fact that unique constraints will be placed on composite keys to make sure that there is no repetition. What this will do is get the information slower but make sure it is accurate.

