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Lab #4

What are check constraints? What are they good for? What's the advantage of putting that sort of thing inside the database? Make up some examples of good uses of check constraints and some examples of bad uses of check constraints. Explain the differences in your examples and argue your case.

Check constraints restrict an attribute's value with the purpose of checking whether the given values follow the restriction. These constraints are set so the database can maintain its organization and clarity. Check constraints are particularly helpful when dealing with a specific input. An example of this kind of input is the input of dates. If the user enters a date (including the day, month, and year) in a format the database doesn't follow or comprehend, the check constraint can address the issue. Check constraints, on the other hand, aren't useful for situations where open-ended input is necessary. This is because the check constraints require a value so it can't be used for entries that need an input.