Constraints & Triggers

Constraints of several types

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Integrity Constraints

Impose restrictions on allowable data, beyond those imposed by structure and types

- Non-null constraints
- Key constraints
- Attribute-based and tuple-based constraints
- General assertions *not implemented*   *limits*

- *Next video:*
  Referential Integrity (foreign key) constraints

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Constraints Demo

Simple college admissions database

College(cName,state,enrollment)

Student(sID,sName,GPA,sizeHS)

Apply(sID,cName,major,decision)