

Entities**Professor**

SSN, Name, Address: {street, city, state, zip}, Telephone: {area, number}, sex, title, salary, college degree

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Department

Name, name, telephone, location, chairperson

a

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Course

Number, name, telephone, location, chairperson

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Sections

Number, name, classroom, number of seats, meeting days, beginning time, end time

a

2

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4

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Records

CWTID, name, first, last, address, telephone

a

2

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Relationship

- 1) Department $\frac{1}{a}$ Chaired By $\frac{1}{a}$ Professor
- 2) Department $\frac{1}{a}$ Offers $\frac{1}{a}$ Course
- 3) Course $\frac{m}{n}$ Has Prerequisite $\frac{N}{n}$ Course
- 4) Course $\frac{1}{a}$ Has $\frac{N}{n}$ Section
- 5) Professor $\frac{1}{a}$ Teaches $\frac{n}{n}$ Section
- 6) Student $\frac{1}{a}$ Majors In $\frac{1}{a}$ Department
- 7) Student $\frac{m}{n}$ Minors In $\frac{N}{n}$ Department
- 8) Student $\frac{m}{n}$ Enrolls In $\frac{N}{n}$ Section