



# Basic Data Concepts:

## Query Language: Selection

# Selection

$$\sigma_P(r)$$

## Query:

List the student information for seniors who are majoring in computer science.

## Answer:

$$\sigma_{\text{class}='SR'}(\text{cse\_majors})$$

## Schema:

{ id, name, class }

## University Examples: Schema and Instance

Cse\_majors

id	name	class
1111	Student1	FR
2222	Student2	SO
3333	Student3	JR
4444	Student4	SR
5555	Student5	GR

## Selection: Example Query Result

id	name	class
4444	Student4	SR