







- 3.2. 22, cardinality of number = number of tuples.
- 3.4. Candidate keys are the minimal set of attributes that uniquely identifies an element.

  Primary keys is the chosen candidate keyls) that uniquely identifies the record. Super keys are the set of attributes used to uniquely identify a tuple.

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- 3.5. I. Candidate keys are the attributes that can uniquely identify an element. Name alone unit a candidate key because I mith appears twice.

  Also age unit one because 18 appears twice of the sound to tell on their own.

  They would have to be tied together to be widble.
  - 2 SID and emails are examples of candidate keys since each student will have unique ID, and emails.
  - 3.6. A foreign key is an attribute in an entity that is a primary key in a different one. They are important because they refer to one table to another, implying a referential constraint between tables. Referral integrity means that when a foreign key exists, it needs to have a reference to a primary key from a different table.

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A	3.71	In Enrolled Sid, cid
		In Teachers: fid, cid?
		In Meets: cid, mo
A_		
	2	Standardize length of sid, cid, and fid. and putting
-		limits on credit, salary, and capacity.
	_	
-	311	Professor (SIN: int, primary key (sin))
		Courses (courseid: varchar(11), primary key (courseid))
		Teaches (SIN: int, Courseid varcharll),
		semester varchar(10), primary key (SIN, coursed)
<u> </u>		foreign key (sin) references Professor,
-		foreign key (courseid) references (ourses)
-	7.45	
	3.13	Musician (sin' int, name: varchar (50), primary key (sin))
-		Location (address: varchar(20))
		Telephone (phone number: varchar(11))
		Instrument Iname: varchar (50), musical key: varchar (10)
		Album (title: varchar (50), format: varchar (20),
		copyright date date identifier varchar (20))
		Song (title: varchar (20), author: varchar (201)
-		Plays(ssn' int, primary key(ssn),
-		Foreign key (SIN) represents Musician
and the second		Home (phone humber: varchar (11),
-		address: varchar(20), primary key (phone + location)
		foreign key taddress represents Location
		foreign key Iphone number) represents Telephonel
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Issa: int, tille: vorchar (5D),
author: varchar (2D), primary key (tille; author).

foreign key (sin) represents Musician
foreign key (tille) represents Song
foreign key (author) represents Song
(sin: int, identifier: varchar (2D),
primary key (sin, identifier),
foreign key (sin) represents Musician
foreign key (identifies) represents Album)

2 Performs (ssniint, tille: vorchar (50), Produces (sin int, identifier varchar (20),