

Catalog View (3 different entities)

college	department	department_code	course_num	course	credits
College of Physical Science and Engineering	Computer Information Technology	CIT	111	Intro to Databases	3
College of Business and Communication	Economics	ECON	388	Econometrics	4
College of Business and Communication	Economics	ECON	150	Micro Economics	3
College of Language and Letters	Humanities and Philosophy	HUM	376	Classical Heritage	2

Section View (4 different entities)

year	term	course	section	faculty_fname	faculty_lname	capacity
2019	Fall	CIT 111	1	Marty	Morring	30
2019	Fall	ECON 150	1	Nate	Nathan	50
2019	Fall	ECON 150	2	Nate	Nathan	50
2019	Fall	ECON 388	1	Ben	Barrus	35
2019	Fall	HUM 376	1	John	Jensen	30
2018	Winter	CIT 111	2	Marty	Morring	30
2018	Winter	CIT 111	3	Bill	Barney	35
2018	Winter	ECON 150	1	Nate	Nathan	50
2018	Winter	ECON 150	2	Nate	Nathan	50
2018	Winter	HUM 376	1	John	Jensen	30

Student View (1 entity)

fname	lname	gender	city	state	dob
Paul	Miller	M	Dallas	TX	1996-02-22
Katie	Smith	F	Provo	UT	1995-07-22
Kelly	Jones	F	Provo	UT	1998-06-22
Devon	Merrill	M	Mesa	AZ	2000-07-22
Mandy	Murdock	F	Topeka	KS	1996-11-22
Alece	Adams	F	Rigby	ID	1997-05-22
Bryce	Carlson	M	Bozeman	MT	1997-11-22
Preston	Larsen	M	Decatur	TN	1996-09-22
Julia	Madsen	F	Rexburg	ID	1998-09-22
Susan	Sorensen	F	Mesa	AZ	1998-08-09

Enrollment View (linking table with a composite key – 2 values)

Here's the logic of the linking table:

<i>Alece</i>	<i>enrolling in</i>	<i>CIT 111</i>	<i>Winter 2018</i>	<i>Section 3</i>
<i>Bryce</i>	<i>enrolling in</i>	<i>CIT 111</i>	<i>Winter 2018</i>	<i>Section 2</i>
<i>Bryce</i>	<i>enrolling in</i>	<i>ECON 150</i>	<i>Winter 2018</i>	<i>Section 1</i>
<i>Bryce</i>	<i>enrolling in</i>	<i>HUM 376</i>	<i>Winter 2018</i>	<i>Section 1</i>
<i>Devon</i>	<i>enrolling in</i>	<i>HUM 376</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Julia</i>	<i>enrolling in</i>	<i>ECON 150</i>	<i>Winter 2018</i>	<i>Section 2</i>
<i>Katie</i>	<i>enrolling in</i>	<i>ECON 388</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Kelly</i>	<i>enrolling in</i>	<i>ECON 388</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Mandy</i>	<i>enrolling in</i>	<i>ECON 388</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Mandy</i>	<i>enrolling in</i>	<i>HUM 376</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Paul</i>	<i>enrolling in</i>	<i>CIT 111</i>	<i>Fall 2019</i>	<i>Section 1</i>
<i>Paul</i>	<i>enrolling in</i>	<i>ECON 150</i>	<i>Fall 2019</i>	<i>Section 2</i>
<i>Preston</i>	<i>enrolling in</i>	<i>ECON 150</i>	<i>Winter 2018</i>	<i>Section 2</i>
<i>Susan</i>	<i>enrolling in</i>	<i>CIT 111</i>	<i>Winter 2018</i>	<i>Section 2</i>