Joins and Relates

UCDAVIS
Continuing and Professional Education

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Tabular Joins and Relates

- **Joins** – Change a table by adding columns from another table based on a common Id

- **Relates** – Connection between two tables that allows you to pass selections from on table to another one

Tabular Join

Zone ID	Attribute 1	Attribute 2
1	a	aa
2	b	bb
3	c	cc
4	d	dd
5	e	ee

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Zone ID	Attribute 3	Attribute 4
1	aaa	aaaa
2	bbb	bbbb
3	ccc	cccc
4	ddd	dddd
5	eee	eeee

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Zone ID	Attribute 1	Attribute 2	Attribute 3	Attribute 4
1	a	aa	aaa	aaaa
2	b	bb	bbb	bbbb
3	c	cc	ccc	cccc
4	d	dd	ddd	dddd
5	e	ee	eee	eeee

One-to-Many Relate

Zone ID	Attribute 1	Attribute 2
1	a	aa
2	b	bb
3	c	cc
4	d	dd
5	e	ee

Zone ID	Observation ID	Attribute A	Attribute B
1	1A	aaa	aaaa
1	1B	bbb	bbbb
2	2A	ccc	cccc
2	2B	ddd	dddd
3	3A	eee	eeee
4	4A	fff	ffff
4	4B	ggg	gggg
4	4C	hhh	hhhh
5	5A	iii	iiii