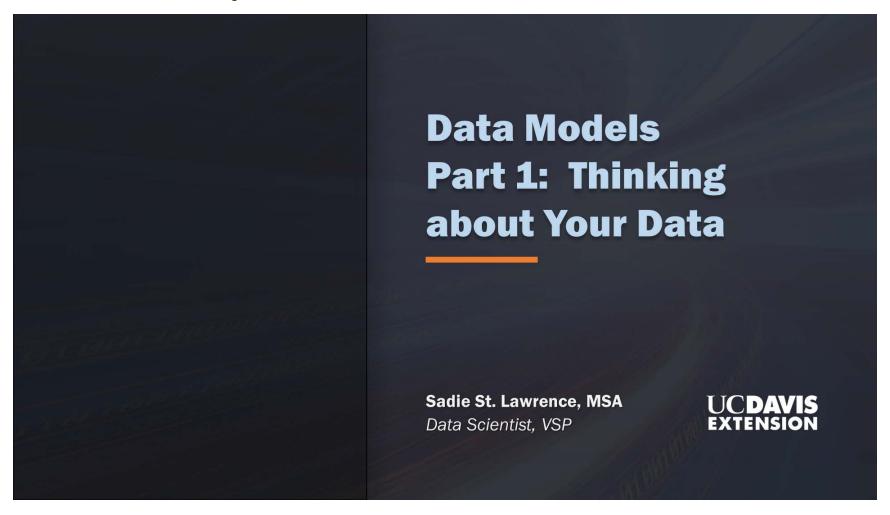
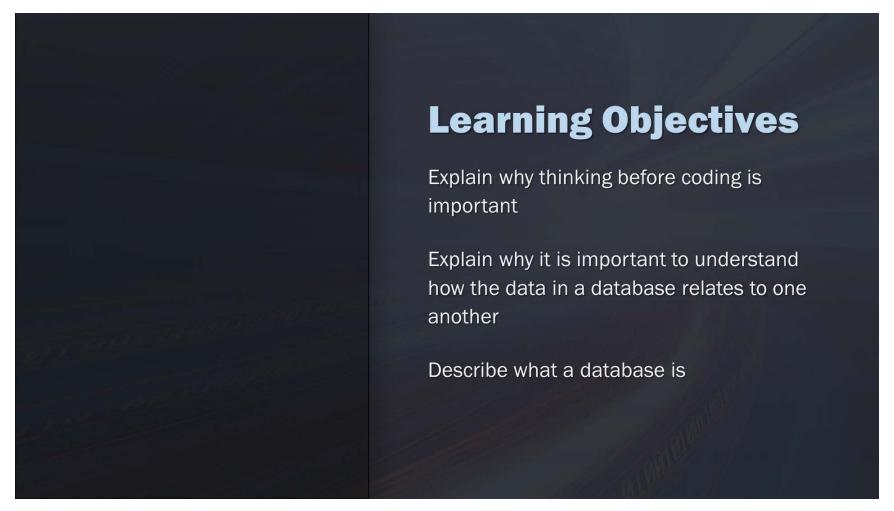
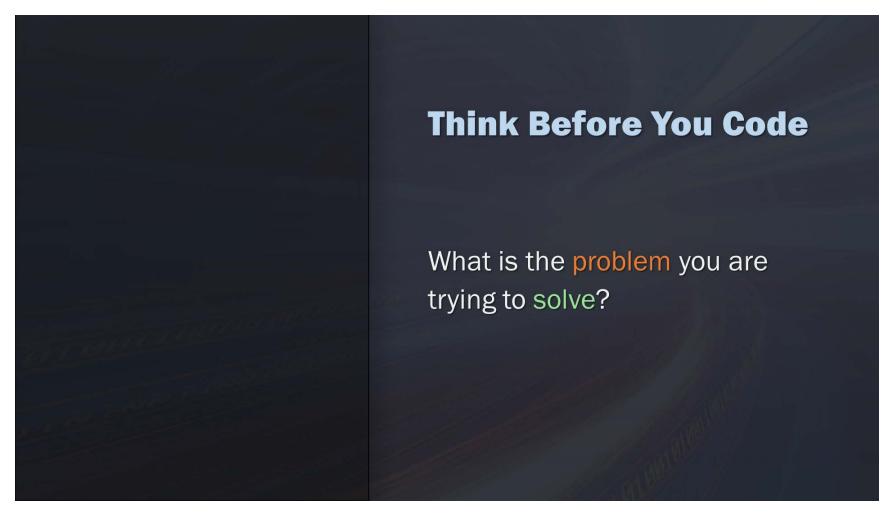
Slide 1: Data Models Part 1: Thinking about Your Data



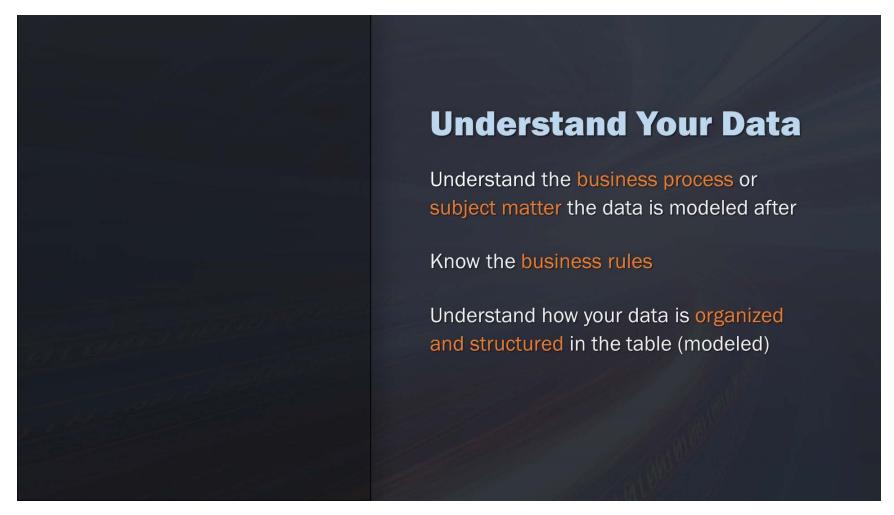
Slide 2: Learning Objectives



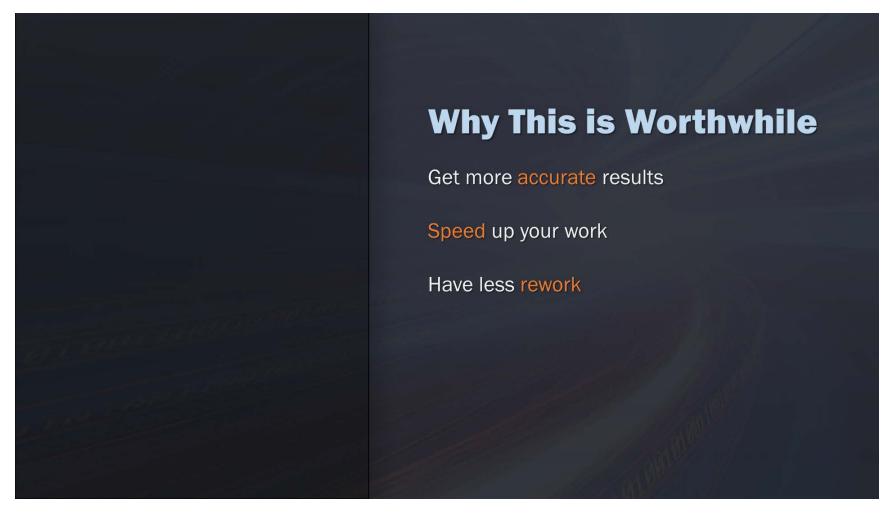
Slide 3: Think Before You Code



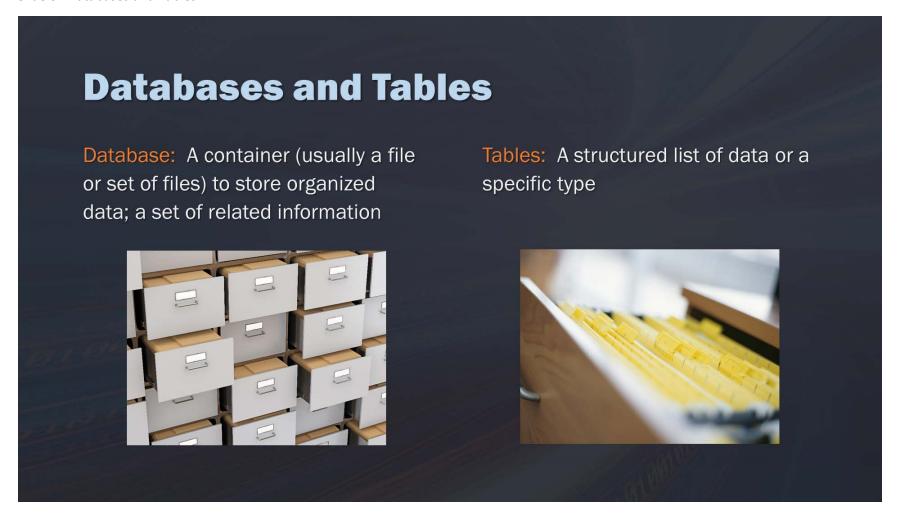
Slide 4: Understand Your Data



Slide 5: Why This is Worthwhile



Slide 6: Databases and Tables



Slide 7: Columns and Rows



Column: A single field in a table - all Row: A record in a table tables are made up of one or more columns

	A	В	С	D	E	F	G	Н	1	J	K
1	sku	name	brand	Price	item_height	item_length	item_width	item_unit_o	item_weight	item_unit_	of_weight
2	PFI-F0314BPY	Pfister F-031-4	Pfister	129.99	3.8	20.6	12.7	inches	6.5	pounds	
3	PFI-F042HAK0	Pfister Amher	Pfister	79.99	7.69	4.81	6.56	inches	3.42	pounds	
4	PFI-FWK13405	Pfister F-WK1-	Pfister	119.99	2.5	18.5	10	inches	5.12	pounds	
5	PFI-GT343TCC	Pfister GT34-3	Pfister	149.99	2.5	18.5	10	inches	6.2	pounds	
6	PFI-MP8LNKK-	Pfister Langsto	Pfister	99.99	7.67	14.22	7.67	inches	3.2	pounds	
7	B00B4QEP0U	Pfister GT529-	Pfister	109.99	2.5	18.5	10	inches	3.17	pounds	
8	PFI-GT529DCC	Pfister GT529-	Pfister	179.99	2.5	24.5	10.5	inches	3.17	pounds	
9	PFI-GT529DSS	Pfister GT529-	Pfister	114.99	2.5	24.5	10.5	inches	3.17	pounds	
10	B007LEP02Q	Pfister F-031-4	Pfister	249.99	4.1	20.6	12.8	inches	6.5	pounds	
11	PFI-F0314BPS-	Pfister F-031-4	Pfister	144.99	4.1	20.6	12.8	inches	6.5	pounds	
12											