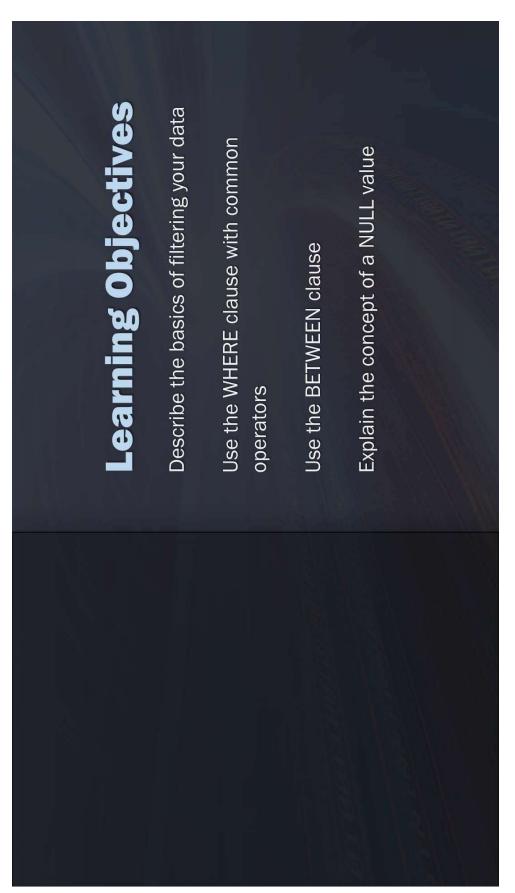
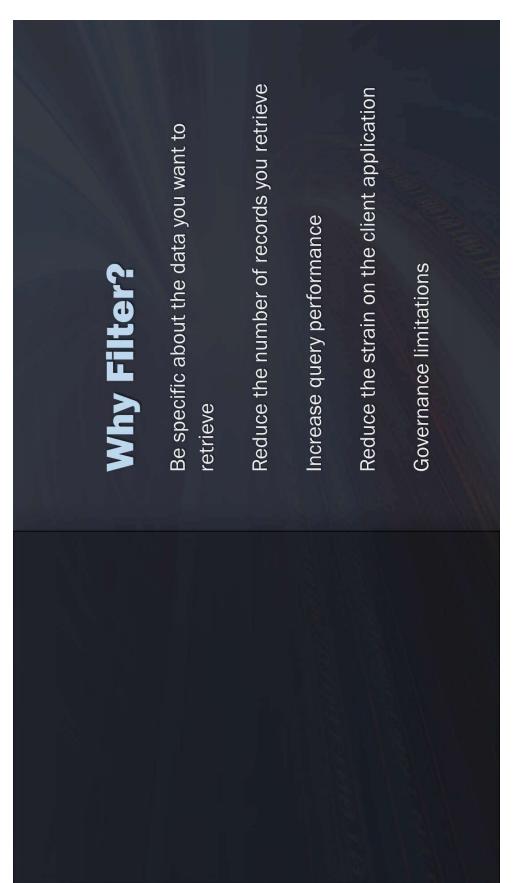
Slide 1: Basics of Filtering with SQL

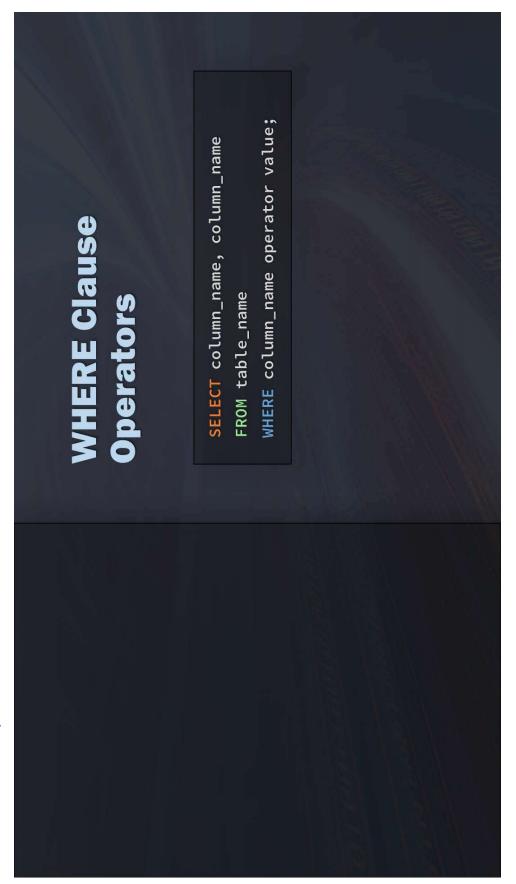


Slide 2: Learning Objectives





Slide 4: WHERE Clause Operators



WHERE Clause Operators

SELECT column_name, column_name
FROM table_name
WHERE column_name operator value;

Operator	Description
11	Equal
<>	Not equal. Note: In some versions of SQL this operator may be written as !=
^-	Greater than
v	Less than
= ^	Greater than or equal
=>	Less than or equal
BETWEEN	Between an inclusive range
IS NULL	Is a null value

Slide 6: Filtering on a Single Condition



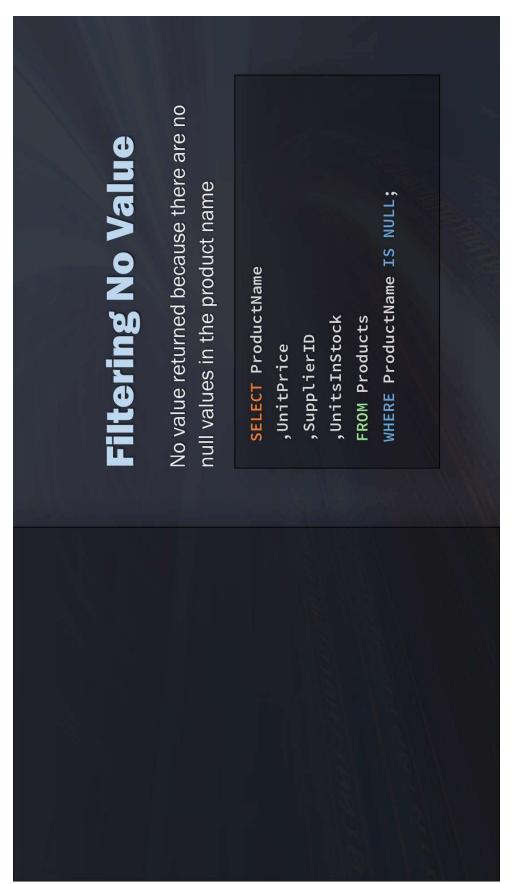
6 WW	k					
<u>g</u>	SupplierID	4	00	12	18	
a Sin	UnitPrice	97	81	123.79	263.5	75;
Filtering on a Single Value	ProductName	1 Mishi Kobe Niku	2 Sir Rodney's Marmalade 81	3 Theringer Rostbratwurst 123.79	4 Cote de Blaye	SELECT ProductName , UnitPrice , SupplierID FROM Products WHERE UnitPrice >= 75;

	UnitPrice SupplierID	18 1	1 61	1 01	2 2	21.35 2	25 3	0	0 3	7	1 4	1 5	8	9	
	ProductName	Chai	Chang	Aniseed Syrup	Chef Anton's Cajun Seasoning 22	Chef Anton's Gumbo Mix 2	Grandma's Poysenberry Spread 29	Uncle Bob's Organic Dried Pears 30	Northwoods Cranberry Sauce 40	Mishi Kobe Niku 97	kura 31	11 Queso Cabrales 21	12 Queso Manchego La Pastora 38	13 Konbu 6	
		1	2	8	4	S	9	7 (80	6	10 Ikura	11	12 (13 4	
Checking for Non-Matches	SELECT ProductName		, unitrrice	,SupplierID	EROM Products		WHERE ProductName <>'Alice	Mutton:;		The second second					

Slide 9: Filtering with a Range of Values

	UnitsInStock	39	LJ.	53	15	29	31	22	24	35	39	29	42	22			
	SupplierID	I	1	2	3	4	4	5	9	9	9	7	7	00			
	UnitPrice	18	19	22	30	97	31	21	9	23.25	15.5	17.45	62.5	9.5			
	ProductName	Chai	Chang	Chef Anton's Cajun Seasoning	Uncle Bob's Organic Dried Pears	Mishi Kobe Niku	Ikura	Queso Cabrales	Konbu	Tofu	Genen Shouyu	Pavlova	Carnarvon Tigers	Teatime Chocolate Biscuits			
		1	2	ო	4	w	9	7	00	6	01	11	12	Ω.			
Filtering with a Range of Values		SELECT ProductName	ورز		erID	į	nStock	odiicts		nitsInStock BETWEEN 15	AND 80;						
riiteri Range		SELECT	Uni+Drice	, , , , , ,	,SupplierID	:	,UnltsInStock	EROM Products		WHERE U	AND 80;						

Slide 10: Filtering No Value



Summary

Operator	Description
11	Equal
\	Not equal. Note: In some versions of SQL this operator may be written as !=
٨	Greater than
٧	Less than
= <	Greater than or equal
=>	Less than or equal
BETWEEN	Between an inclusive range
IS NOLL	Is a null value
	Source. http://www.w3schools.com/sql/sql_where.asp