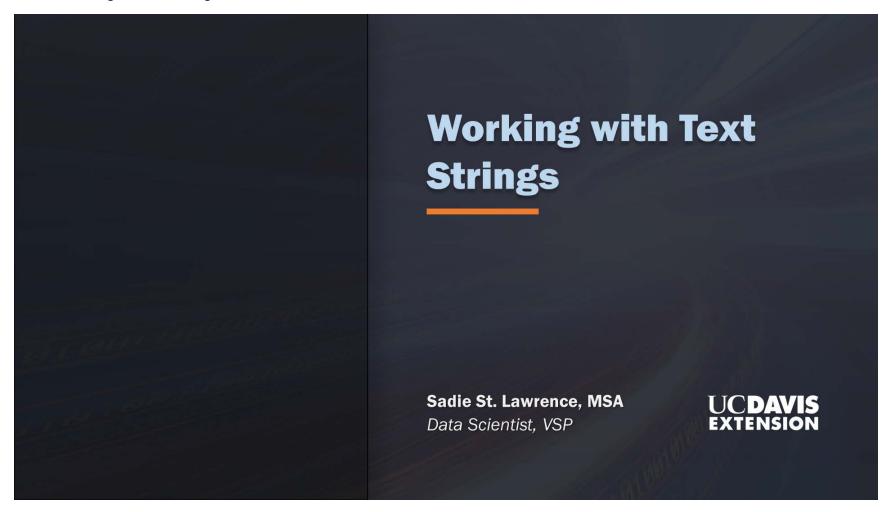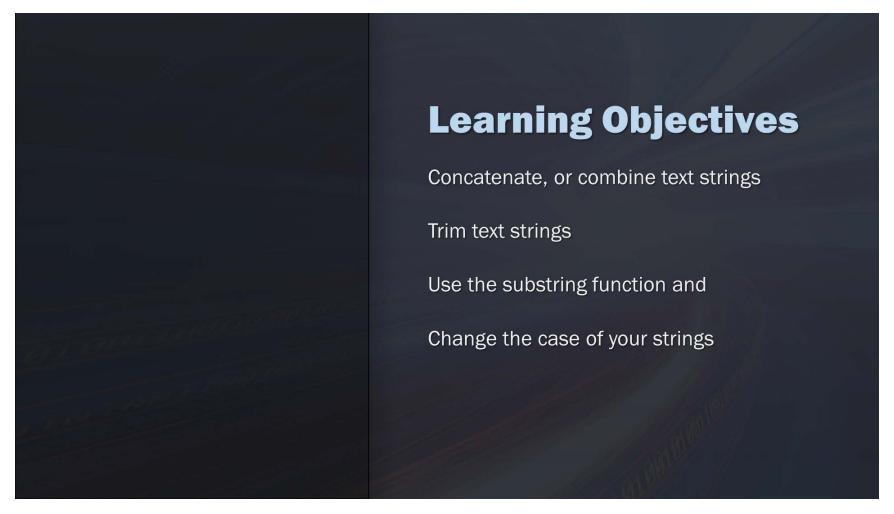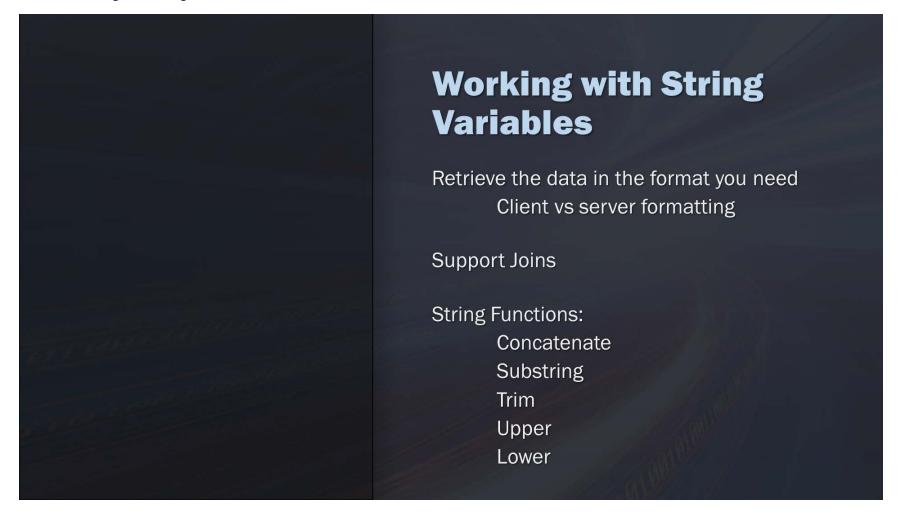Slide 1: Working with Text Strings
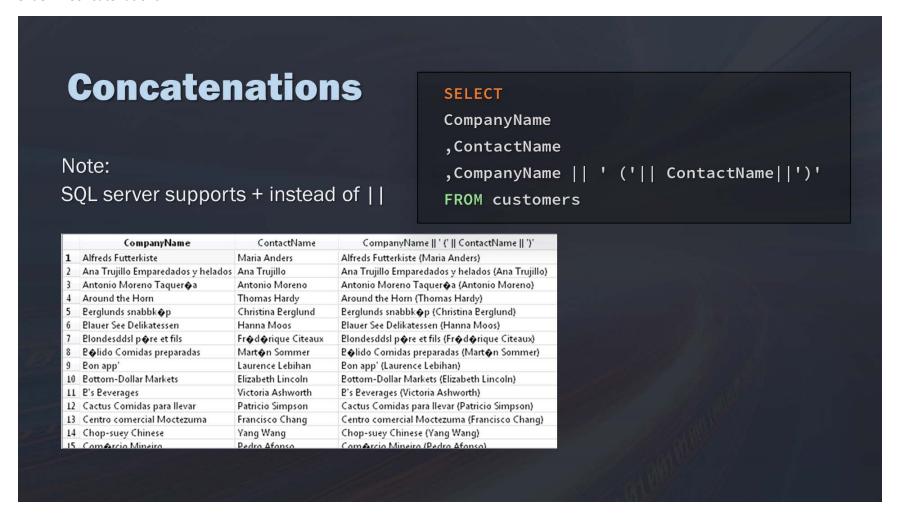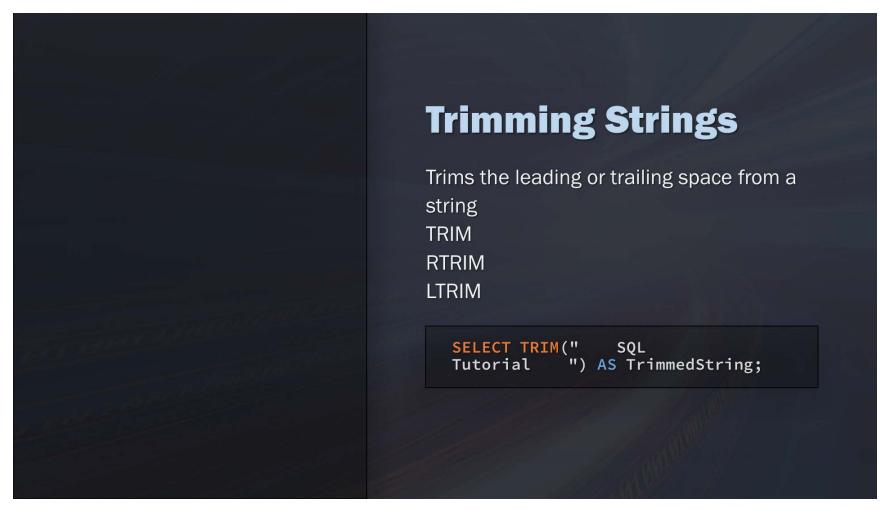
Slide 2: Learning Objectives

Slide 3: Working with String Variables

Slide 4: Concatenations

Slide 5: Trimming Strings

Trimming Strings

Trims the leading or trailing space from a string
TRIM
RTRIM
LTRIM

```
SELECT TRIM("    SQL
Tutorial    ") AS TrimmedString;
```

Slide 6: Substring

Substring

Returns the specified number of characters from a particular position of a given string

```
SUBSTR(string name, string
position, number of
characters to be returned);
```

First_name	substr(first_name,2,3)
Alexander	lex
Bruce	ruc
David	avi
Valli	all
Diana	ian

```
SELECT first_name, SUBSTR
(first_name,2,3)

FROM employees

WHERE department_id=60;
```

Slide 7: Substring Example

Substring Example

```
SELECT first_name,
SUBSTR(first_name,1,3)
FROM employees
WHERE department_id=100;
```

First_name	substr(first_name ,1,3)
Nancy	Nan
Daniel	Dan
Andrew	And
Margaret	Mar
Jose	Jos
Michael	Mic
Robert	Rob
Luis	Lui
Anne	Ann

Slide 8: Substring Example

Substring Example

```
SELECT first_name,
SUBSTR(first_name,1,3)
FROM employees
WHERE department_id=100;
```

First_name	substr(first_name ,1,3)
Nancy	Nan
Daniel	Dan
Andrew	And
Margaret	Mar
Jose	Jos
Michael	Mic
Robert	Rob
Luis	Lui
Anne	Ann

Slide 9: Upper and Lower