

## Preview data from the ttctopsyturvycakes table

### Use of CTAS

This is the syntax:

```
CREATE TABLE table_name
[ WITH ( property_name = expression [, ...] ) ]
AS query
[ WITH [ NO ] DATA ]
```

```
CREATE TABLE employee
AS
SELECT emp_id,first_name,last_name, location_id
FROM ttctopsyturvycakes
```

Employee table appears on the left. Click the three dots to preview the table.

```
CREATE TABLE location
AS SELECT location_id, location
from ttctopsyturvycakes;
```

```
CREATE TABLE ttccorder
AS SELECT order_id,
item,
quantity,
item_price,
order_total,
order_date,
location_id,
emp_id from ttctopsyturvycakes;
```

If we choose to use the word Order, it will have to be in quotation marks as it is a keyword, so we use BakeryOrder instead.

### Create view.

```
CREATE VIEW reviews
AS
SELECT keywords_from_customer_reviews, keyword_upload_date
FROM ttctopsyturvycakes
```

*Here's an important question you need to ask. Does Athena support primary keys?*

*Primary and foreign keys are used by RDBMSs for ensuring constraints – for example, to ensure you don't insert rows with duplicate ID or remove rows in related tables. These are not as relevant in a system like Athena, where there are no inserts or updates, as it is simply a query engine and not a DML interface.*

*The INSERT INTO command that is available only works by selecting previously existing data in your Athena tables.*

### **Using a JOIN, which employee is located in Ohio USA?**

```
SELECT e.first_name || ' ' || e.last_name AS "Employee Name" ,  
l.location  
FROM employee e  
JOIN location l  
ON e.location_id=l.location_id  
WHERE l.location like 'Ohio%'
```