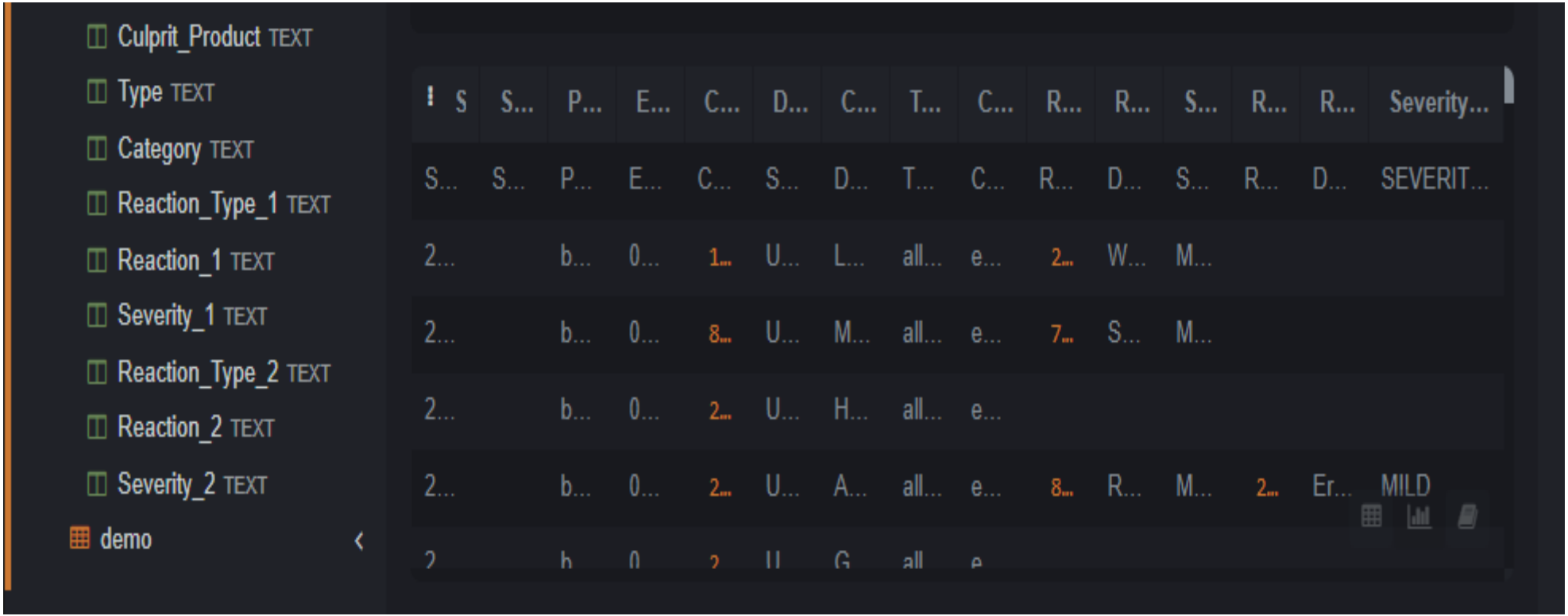
Query all rows and columns from a table

- SELECT * FROM allergies;



Retrieve all Start Dates for the Category with food allergy

- select Start, Category from allergies

  where Category='food';

Retrieve distinct (Unique) Start Dates for ‘medication allergy’ Category

```
select DISTINCT Start from allergies

where Category='medication';
```

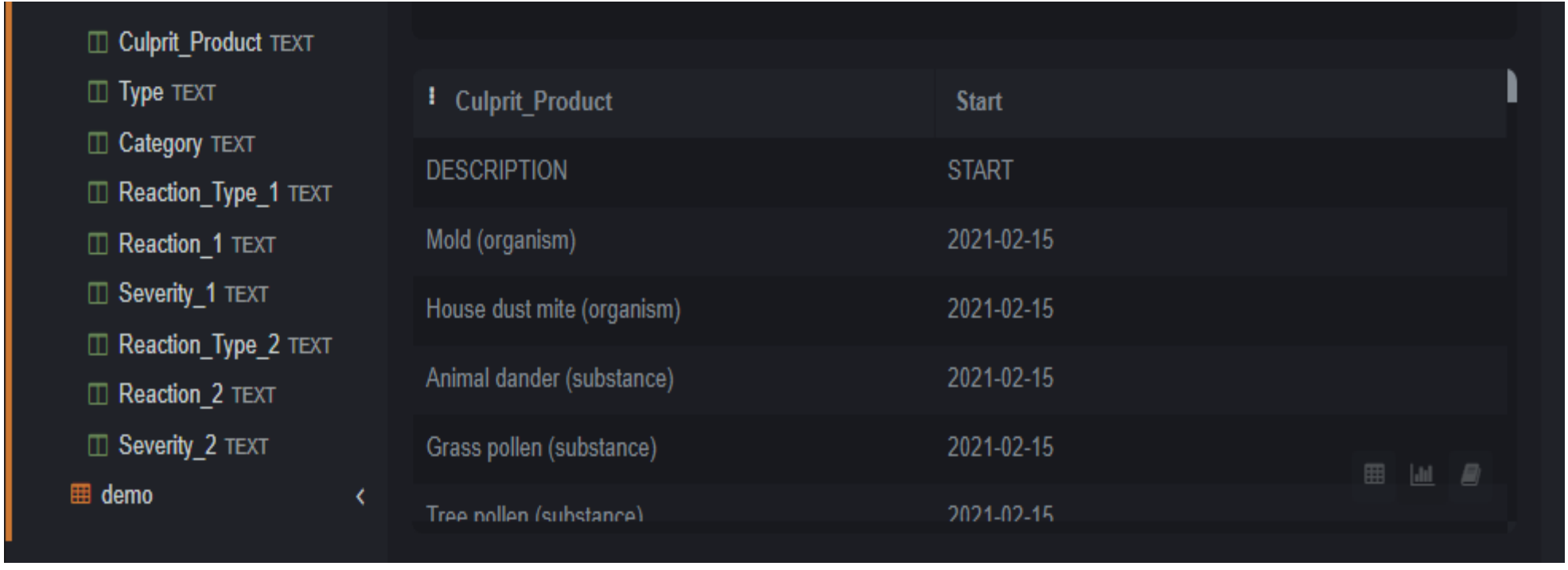
Retrieve Start Date for all Culprit Products in Ascending Order

```
select culprit_product,Start from allergies

order BY Start;
```

Retrieve Start Date for all Culprit Products in Descending Order

```
select culprit_product,Start from allergies
order BY Start DESC;
```



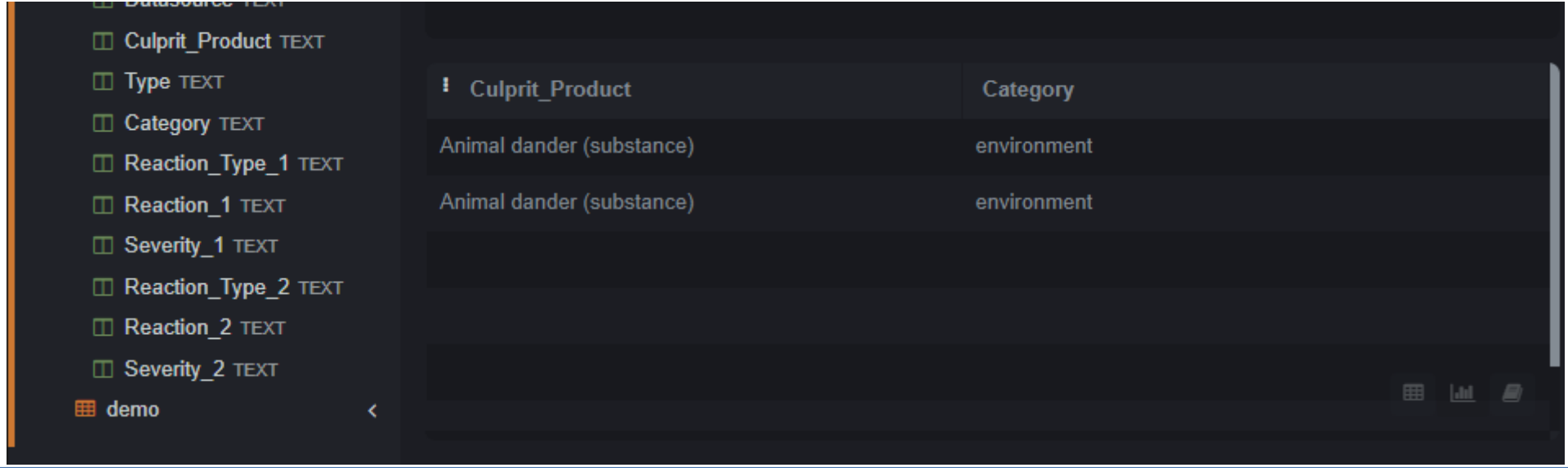
Retrieve only first 2 rows for Culprit Products, Category in Ascending Order

```
SELECT culprit_product, Category

FROM allergies

ORDER BY culprit_product, Category

LIMIT 2 ;
```



Retrieve top 2nd, 3rd unique Start Dates by excluding top 1st row

- SELECT DISTINCT Start

  FROM allergies

  LIMIT 2 OFFSET 1;

Modify all Column names in the data table

ALTER TABLE allergies RENAME COLUMN c1 TO Start; ALTER TABLE allergies RENAME COLUMN c2 TO Stop;

ALTER TABLE allergies RENAME COLUMN c3 TO Patient; ALTER TABLE allergies RENAME COLUMN c4 TO Encounter;

ALTER TABLE allergies RENAME COLUMN c5 TO Code; ALTER TABLE allergies RENAME COLUMN c6 TO Data_source;

ALTER TABLE allergies RENAME COLUMN c7 TO Culprit_Product; ALTER TABLE allergies RENAME COLUMN c8 TO Type;

ALTER TABLE allergies RENAME COLUMN c9 TO Category; ALTER TABLE allergies RENAME COLUMN c10 TO Reaction_Type_1;

ALTER TABLE allergies RENAME COLUMN c11 TO Reaction_1; ALTER TABLE allergies RENAME COLUMN c12 TO Severity_1;

ALTER TABLE allergies RENAME COLUMN c13 TO Reaction_Type_2; ALTER TABLE allergies RENAME COLUMN c14 TO Reaction_2; ALTER TABLE allergies RENAME COLUMN c15 TO Severity_2;