
DROP vs TRUNCATE vs DELETE
365 Careers

DROP vs TRUNCATE vs DELETE

column_1
1
2
3
4
…
10

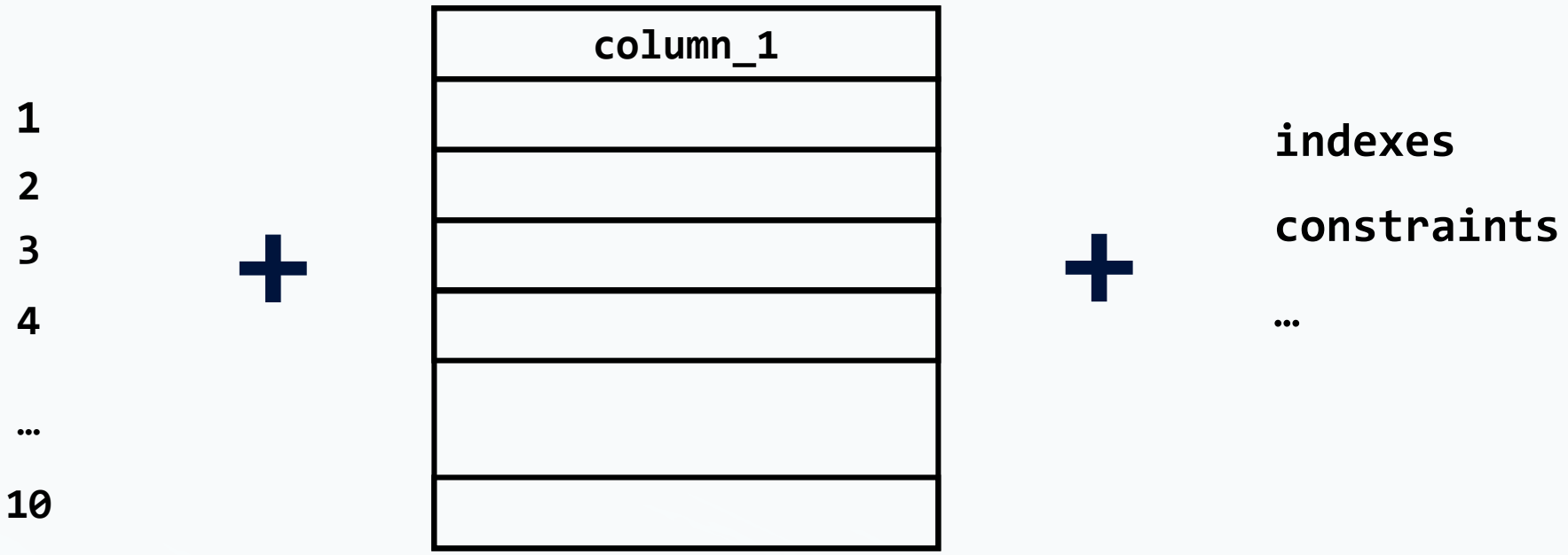
DROP vs TRUNCATE vs DELETE

DROP

column_1
1
2
3
4
…
10

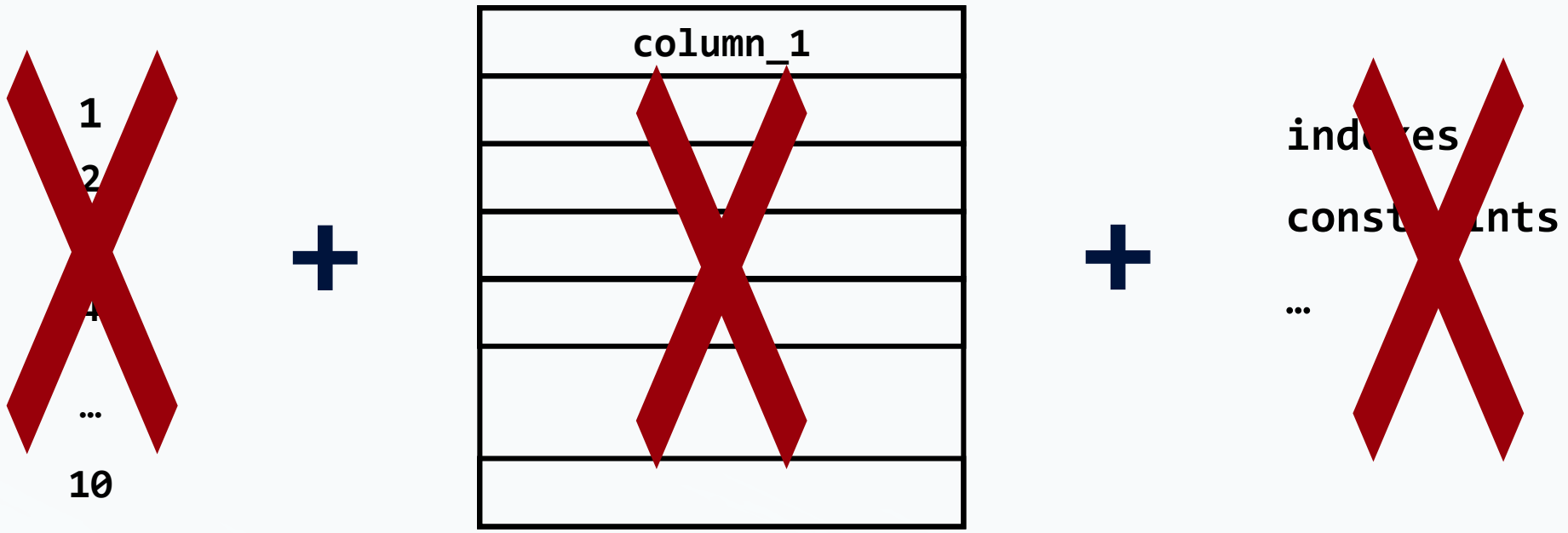
DROP vs TRUNCATE vs DELETE

DROP



DROP vs TRUNCATE vs DELETE

DROP



DROP vs TRUNCATE vs DELETE

DROP

- you won’t be able to roll back to its initial state, or to the last COMMIT statement

use DROP TABLE only when you are sure you aren’t going to use the table in question anymore

DROP vs TRUNCATE vs DELETE

TRUNCATE

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1
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DROP vs TRUNCATE vs DELETE

- TRUNCATE ~ DELETE without WHERE

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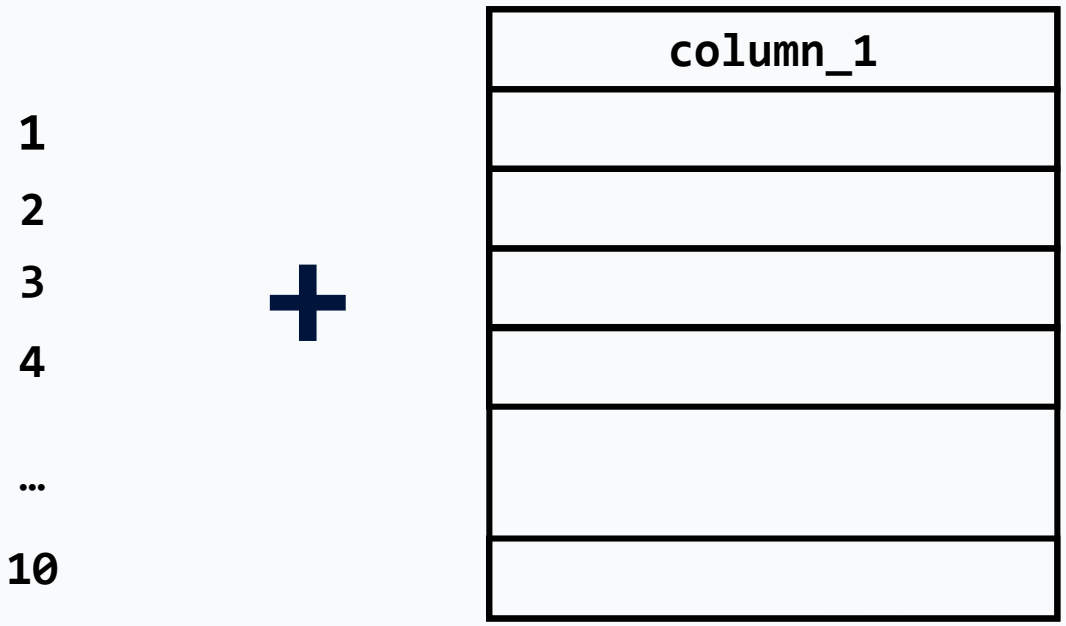
TRUNCATE ~ DELETE without WHERE



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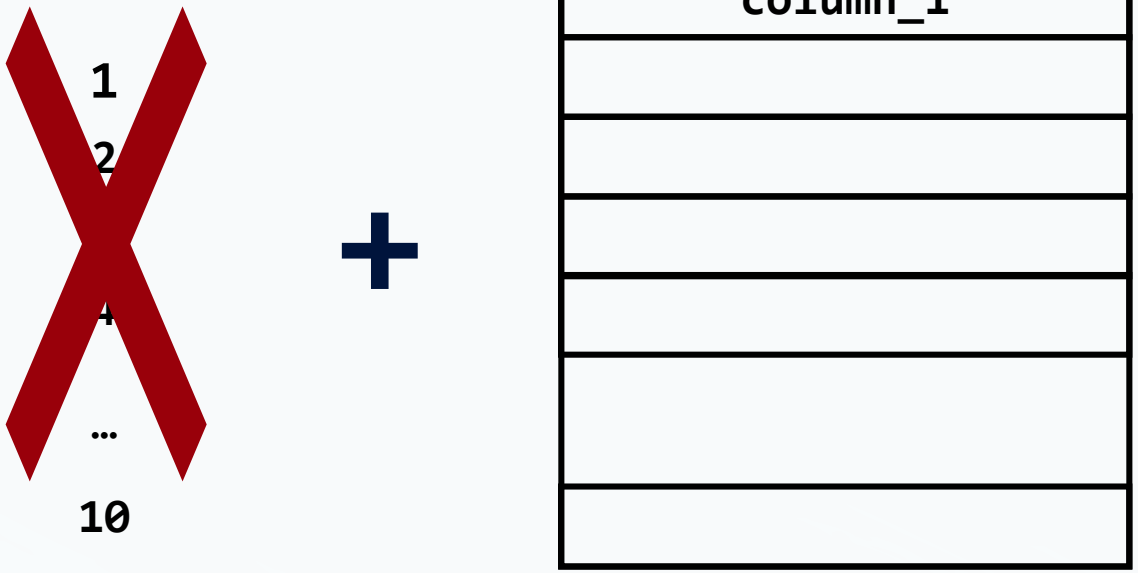
- TRUNCATE ~ DELETE without WHERE



DROP vs TRUNCATE vs DELETE

TRUNCATE

when truncating, auto-increment values will be reset

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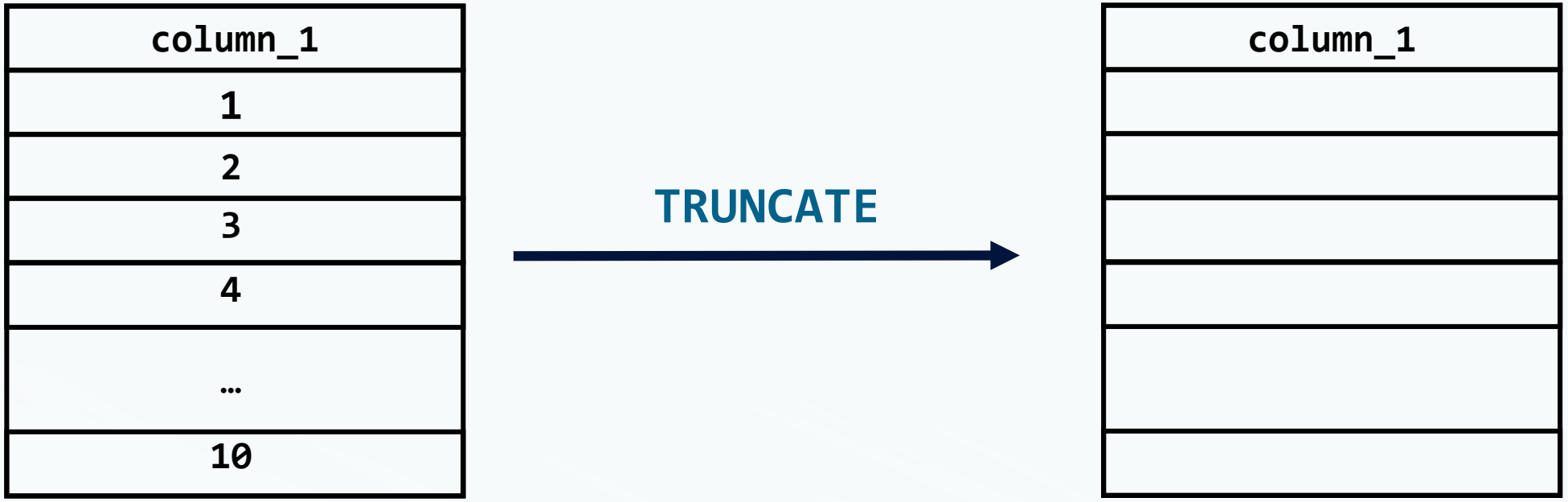

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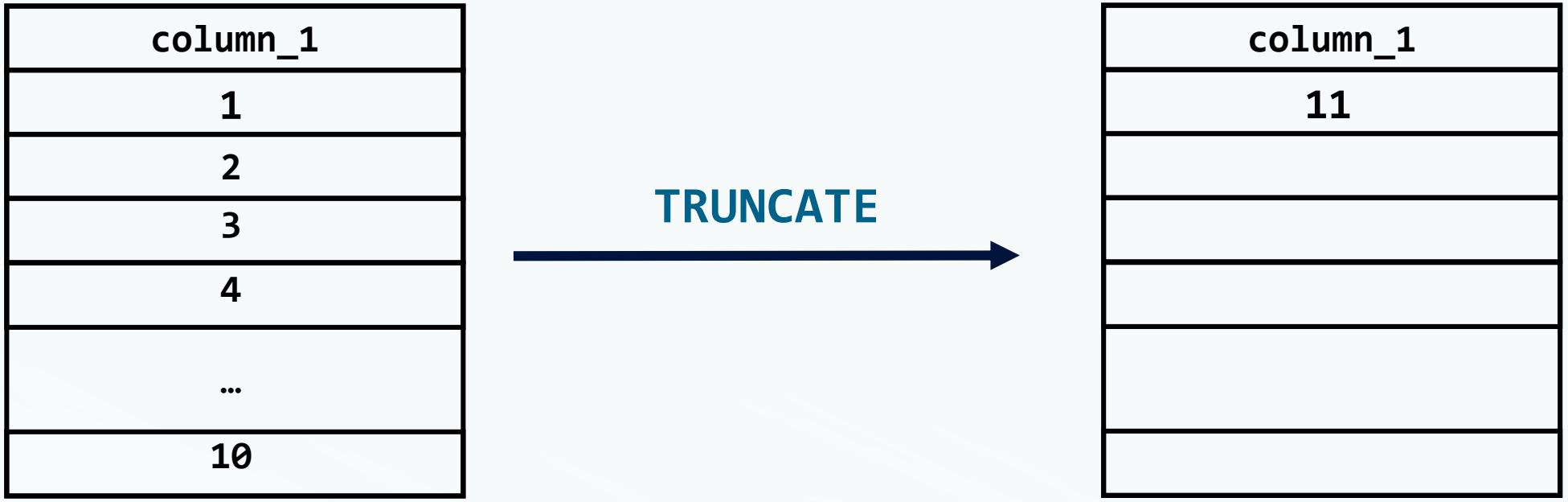

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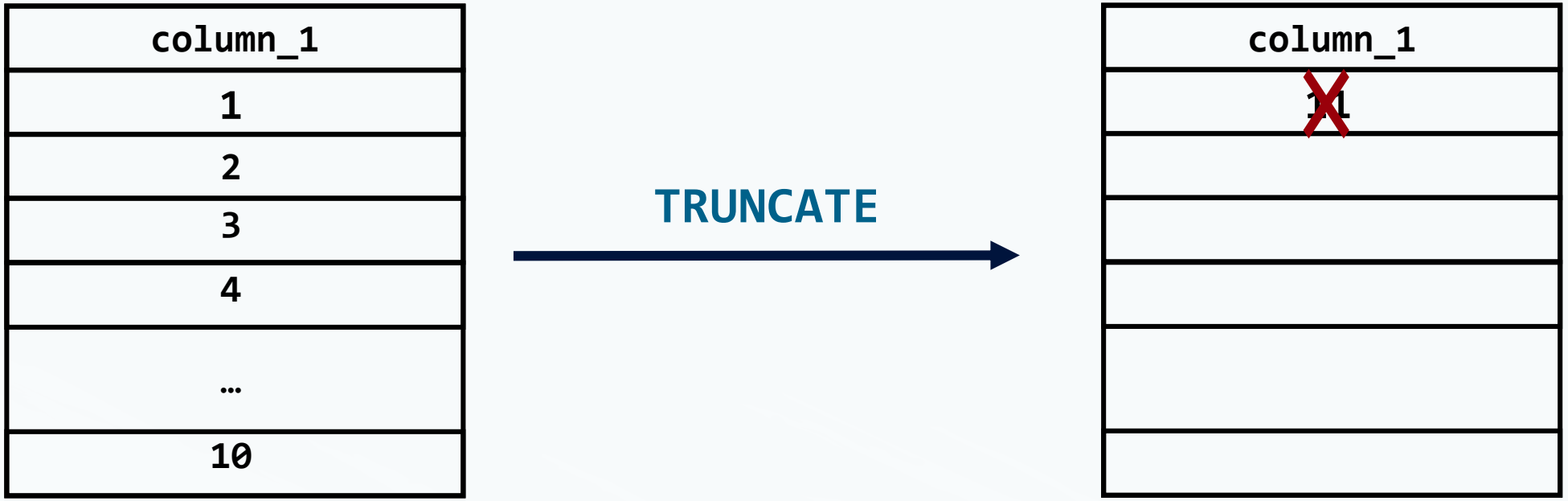

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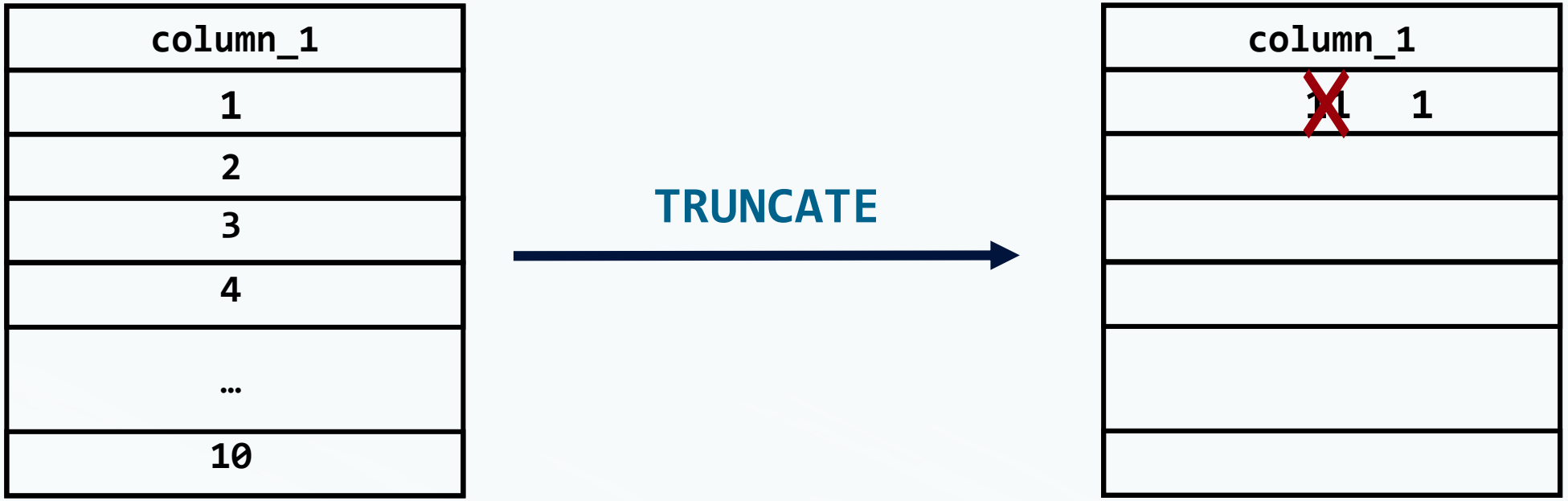

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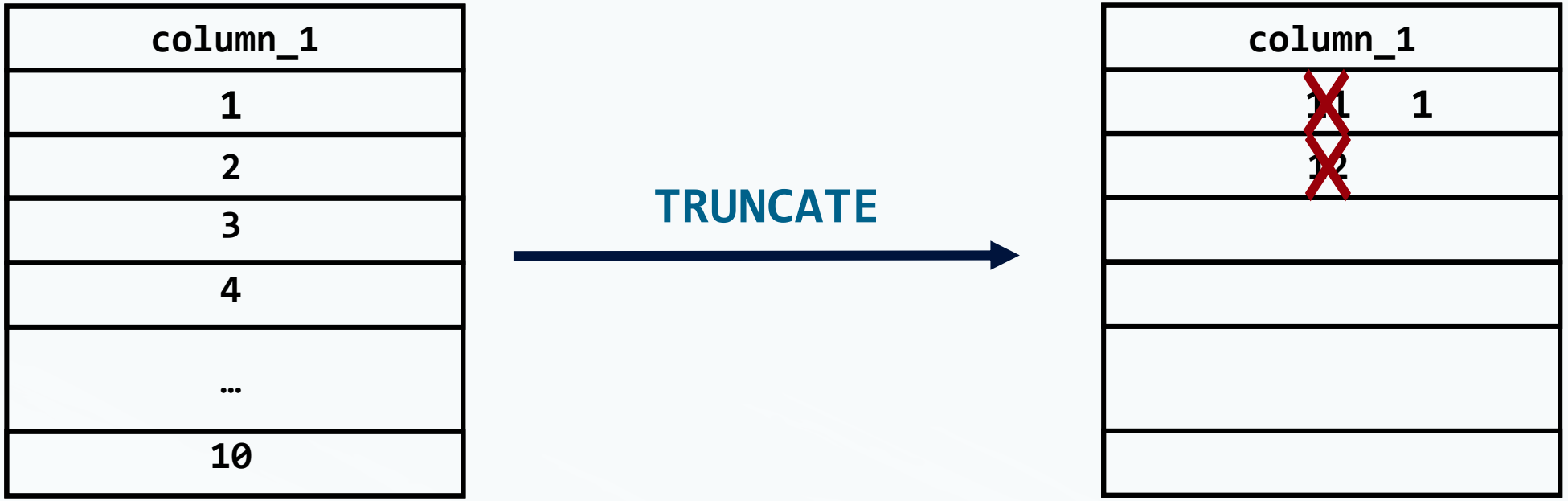

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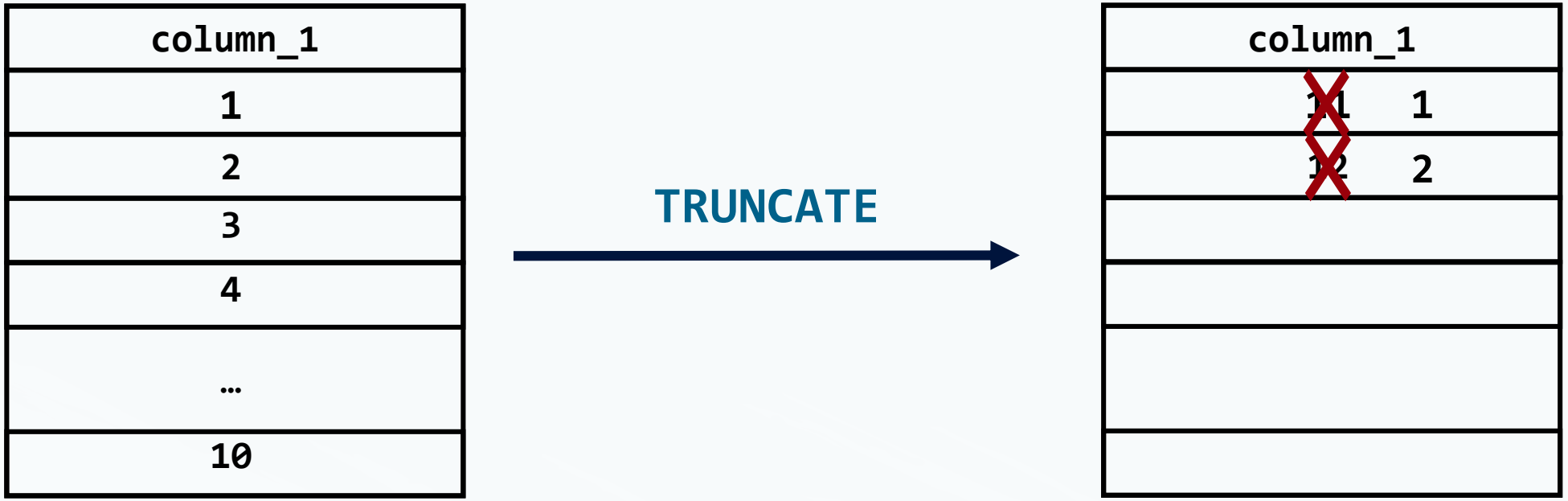

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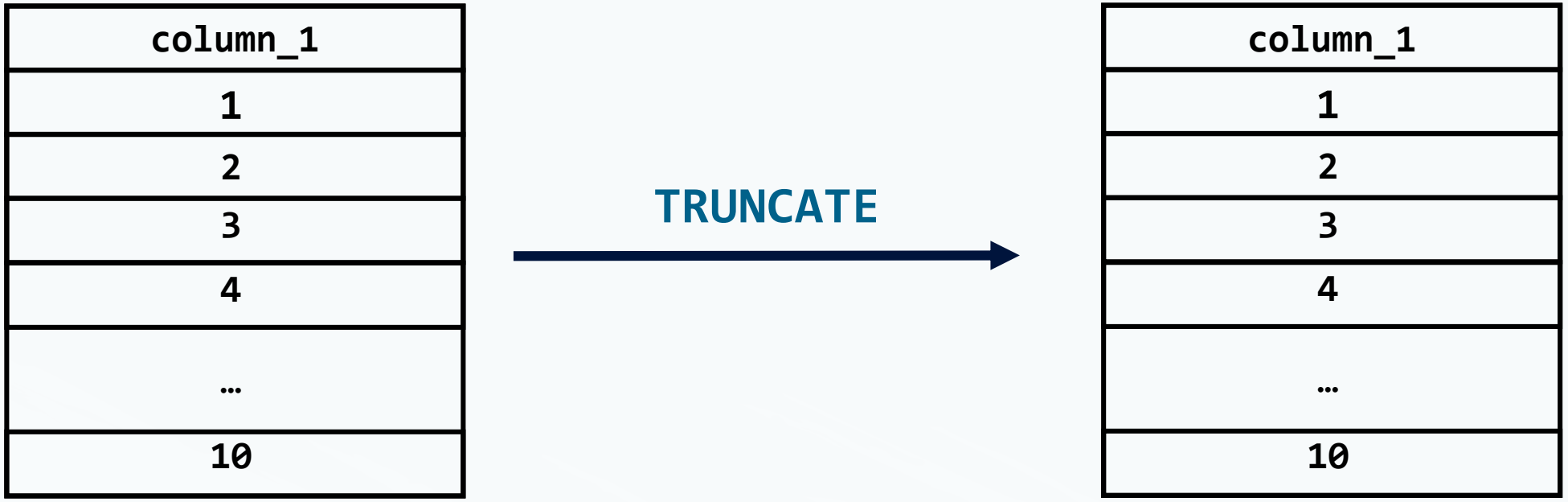

DROP vs TRUNCATE vs DELETE

DELETE

DROP vs TRUNCATE vs DELETE

DELETE

removes records *row by row*

DROP vs TRUNCATE vs DELETE

DELETE

removes records *row by row*


```sql
DELETE FROM table_name
WHERE conditions;
```

DROP vs TRUNCATE vs DELETE

DELETE

removes records *row by row*


```SQL
DELETE FROM table_name
WHERE conditions;
```

TRUNCATE ~ DELETE without WHERE

DROP vs TRUNCATE vs DELETE

TRUNCATE vs DELETE without WHERE

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TRUNCATE vs DELETE without WHERE

- the SQL optimizer will implement different programmatic approaches when we are using TRUNCATE or DELETE

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TRUNCATE delivers the output much *quicker* than DELETE

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TRUNCATE vs DELETE without WHERE

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TRUNCATE delivers the output much *quicker* than DELETE

row by row *row by row*

DROP vs TRUNCATE vs DELETE

TRUNCATE vs DELETE without WHERE

- the SQL optimizer will implement different programmatic approaches when we are using TRUNCATE or DELETE

TRUNCATE delivers the output much *quicker* than DELETE

~~*row by row*~~

row by row

DROP vs TRUNCATE vs DELETE

TRUNCATE vs DELETE without WHERE

- auto-increment values are *not* reset with DELETE

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DELETE

column_1

DROP vs TRUNCATE vs DELETE

TRUNCATE vs DELETE without WHERE

- auto-increment values are *not* reset with DELETE

column_1
1
2
3
4
…
10

column_1
11
12
13
14
…
20

Next:

Next:

SQL Functions