

Cleaning data with MySQL Cheat Sheet by Surlet via cheatography.com/215207/cs/46946/

Remove duplicates

Create CTE with added row_num column

```
WITH dups AS
(SELECT *,
ROW_NUMBER() OVER (
PARTITION BY [colum n_n ames]) AS row_n
um
FROM [origi nal _table] )
SELECT *
FROM dups
WHERE row_num > 1;
```

Deleting duplicates

```
DELETE FROM
t USING t
INNER JOIN dups ON t.id = dups.id
WHERE
dups.row num > 1;
```

Standardise data

Inspect column

```
SELECT DISTINCT c
FROM t
ORDER BY 1;
```

Delete spaces

```
UPDATE t

SET c = TRIM(c)
```

Delete other character (.)

```
UPDATE t
SET c = TRIM(T RAILING '.' FROM c
)
WHERE c LIKE '[problem]
```

Use either ${\tt TRAILING}$ or ${\tt LEADING}$

depending on where the character is

Change string to date format

```
STR_TO _DA TE(c, [format string])
%m = month, %d = day, %Y = year
```

Change the data type

```
ALTER TABLE t
MODIFY COLUMN c DATE;
```



By Surlet

cheatography.com/surlet/

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