

## Using LIKE and wildcards

Matthew Wray - 2024-08-21 - Sylwadau (0) - Creating Reports

In DPQL you can use the LIKE operator in the WHERE clause to check for certain patterns.

You would use it alongside wildcards:

% represents any number of characters

\_ represents one character

### Examples

#### Tickets from a single email domain

An example of this you could use would be if you wanted to look at all tickets from users under a specific email domain.

The query below wouldn't work as the email address is incomplete:

```
SELECT Tickets.id, tickets.person.emails.email  
  
FROM tickets  
  
WHERE tickets.person.emails.email = 'deskpro.com'
```

However if rather than = we use Like and the % wildcard we can pull all emails that end in [deskpro.com](https://deskpro.com)

```
SELECT Tickets.id, tickets.person.emails.email  
  
FROM tickets  
  
WHERE tickets.person.emails.email LIKE '%deskpro.com'
```

#### Tickets from similar email domains

Similarly if we wanted to pull all tickets submitted from [Deskpro.com](https://deskpro.com) and [Deskpro.co.uk](https://deskpro.co.uk) we could use the following as the second % would bypass the characters specified after deskpro:

```
SELECT Tickets.id, tickets.person.emails.email
```

FROM tickets

WHERE tickets.person.emails.email LIKE '%deskpro%'

## Wildcard Variations

Different wildcard variations that return support@deskpro.com :

WHERE	LIKE	Description
WHERE person.emails.email	LIKE 'Support%'	Any values that begin with support
WHERE person.emails.email	LIKE '%Deskpro.com'	Any values that end with deskpro.com
WHERE person.emails.email	LIKE '%Deskpro%'	Any values that contain Deskpro
WHERE person.emails.email	LIKE 's%m'	Any value that starts with S and ends with M
WHERE person.emails.email	LIKE '_u%'	Any value that has a U at the second position