

# Relational Database Example

**users table**

user_id	name	zipcode	blog_url	blog_id
101	Alice	12345	alice.net	1
422	Charlie	45783	charlie.com	3
555	Bob	99910	bob.blogspot.com	2

↑  
Primary keys

↑  
Foreign keys

**blog table**

id	url	last_updated	num_posts
1	alice.net	5/2/14	332
2	bob.blogspot.com	4/2/13	10003
3	charlie.com	6/15/14	7

**Example SQL queries**

1. `SELECT zipcode  
FROM users  
WHERE name = "Bob"`
2. `SELECT url  
FROM blog  
WHERE id = 3`
3. `SELECT users.zipcode, blog.num_posts  
FROM users JOIN blog  
ON users.blog_url = blog.url`