Project SECUREBLOG

auth\_user

|  |  |  |
| --- | --- | --- |
| id | username | email |
| 1 | alice | alice@email.com |

secureblog\_post

|  |  |  |
| --- | --- | --- |
| id | author\_id | title |
| 1 | 1 | Post |

Post.objects.create(author=request.user, title="Hello", content="World")

INSERT INTO secureblog\_post (author\_id, title, content) VALUES (1, 'Hello', 'World');

Model (Python class)

↓

ORM (Python query)

↓

Database Table (SQL query behind the scenes)

# Create a new post

Post.objects.create(author=request.user, title="First Post", content="This is a secure post.")

# Get all posts

Post.objects.all()

# Filter posts by current user

Post.objects.filter(author=request.user)

# Get a post by ID

Post.objects.get(id=1)

python manage.py dbshell

.tables

SELECT \* FROM secureblog\_post;