

# *DiscoVideo* Awards Ceremony



# About

- This awards ceremony is for two branches of *DiscoVideo*, a theoretical video store.
- The data is from the *dvdrental* sample database in PostgreSQL.
- The SQL code blocks are only included for portfolio purposes.

# Customer Favorites

## Customer Favorites Film

Store 1

Love Lives

Store 2

Idols Snatchers

```
SELECT film.title, inventory.store_id, COUNT(rental.rental_id) AS rental_count
FROM inventory
JOIN rental ON inventory.inventory_id = rental.inventory_id
JOIN film ON inventory.film_id = film.film_id
GROUP BY inventory.store_id, film.title
ORDER BY rental_count DESC
```

## Customer Favorites Film Category

Store 1

Action

Store 2

Sports

```
SELECT category.name, inventory.store_id, COUNT(rental.rental_id) AS rental_count
FROM inventory
JOIN rental ON inventory.inventory_id = rental.inventory_id
JOIN film_category ON inventory.film_id = film_category.film_id
JOIN category ON film_category.category_id = category.category_id
GROUP BY category.name, inventory.store_id
ORDER BY rental_count DESC
```

## Customer Favorites Actors

Store 1

Susan Davis

Store 2

Susan Davis

```
SELECT inventory.store_id, actor.first_name, actor.last_name, COUNT(rental.rental_id) AS rental_count
FROM inventory
JOIN rental ON inventory.inventory_id = rental.inventory_id
JOIN film ON inventory.film_id = film.film_id
JOIN film_actor ON film.film_id = film_actor.film_id
JOIN actor ON film_actor.actor_id = actor.actor_id
GROUP BY actor.first_name, actor.last_name, inventory.store_id
ORDER BY rental_count DESC
```

# Store Performance

Most Rentals

# Store 2

```
SELECT inventory.store_id, COUNT(rental.rental_id) AS rental_count  
FROM inventory  
JOIN rental ON inventory.inventory_id = rental.inventory_id  
GROUP BY inventory.store_id
```



Most Customers

# Store 1

```
SELECT store_id, COUNT(customer_id) AS customer_count  
FROM customer  
GROUP BY store_id
```

Memorial Day Weekend

Memorial Day Weekend  
Most Rentals

# Store 2

```
SELECT inventory.store_id, COUNT(rental.rental_id) AS rental_count
FROM rental
JOIN inventory ON rental.inventory_id = inventory.inventory_id
WHERE EXTRACT(DOW FROM rental_date) in (0, 1, 5, 6) AND EXTRACT(MONTH FROM rental_date) = 5
GROUP BY inventory.store_id
```

Memorial Day Weekend  
Most Customers

# Store 2

```
SELECT inventory.store_id, COUNT(DISTINCT rental.customer_id) AS rental_count  
FROM rental  
JOIN inventory ON rental.inventory_id = inventory.inventory_id  
WHERE EXTRACT(DOW FROM rental_date) in (0, 1, 5, 6) AND EXTRACT(MONTH FROM rental_date) = 5  
GROUP BY inventory.store_id
```

Congratulations to the winners!