

Achievement 3.3

Step 1:

```
SELECT *  
FROM category
```

	category_id [PK] integer	name character varying (25)	last_update timestamp without time zone
1	1	Action	2006-02-15 09:46:27
2	2	Animation	2006-02-15 09:46:27
3	3	Children	2006-02-15 09:46:27
4	4	Classics	2006-02-15 09:46:27
5	5	Comedy	2006-02-15 09:46:27
6	6	Documentary	2006-02-15 09:46:27
7	7	Drama	2006-02-15 09:46:27
8	8	Family	2006-02-15 09:46:27
9	9	Foreign	2006-02-15 09:46:27
10	10	Games	2006-02-15 09:46:27
11	11	Horror	2006-02-15 09:46:27
12	12	Music	2006-02-15 09:46:27
13	13	New	2006-02-15 09:46:27
14	14	Sci-Fi	2006-02-15 09:46:27
15	15	Sports	2006-02-15 09:46:27
16	16	Travel	2006-02-15 09:46:27

STEP 2:

```
INSERT INTO category(name)  
VALUES ('Thriller'), ('Crime'), ('Mystery'),('Romance'),('War')
```

-- Constraints "NOT NULL" meaning there will not be empty space in the column, and if there is it will show as an error. Also, it's shows category as the Primary key.

STEP 3:

```
SELECT *  
FROM film  
WHERE title = 'African Egg'
```

```
UPDATE film_category  
SET category_id = 11  
WHERE film_id = 5
```

STEP 4:

```
DELETE FROM category  
WHERE name = 'Mystery'
```

STEP 5:

It would be pretty straightforward to do step 1 to 4 on Excel since there are only a few tables. Also, in this exercise there aren't much Excel formula needed.

Pro and con using SQL:

PRO	CON
Can store a larger data set and no need to look up different tables from different worksheets	Need to be familiar with the language to do basic searches. Excel is more user friendly
SQL can be more detail with constrain and restriction on the data	Set up need to be precise to achieve the best outcome