

# CS50 for MBAs

SQL

<https://tinyurl.com/tuesdaymbaform>

# Favorite TV Shows

\* Required

**title \***

Title of your favorite TV show

Your answer

---

**genres \***

Genre(s) of your favorite TV show

- Action
- Adventure
- Animation
- Biography



flat-file databases

CSV



AutoSave OFF



Book1



Home

Insert

Draw

Page Layout

Formulas

Data

Review

View

Share

Comments

A1



*fx*

	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3											
4											
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Sheet1



Ready



100%



# Untitled spreadsheet

File Edit View Insert Format Data Tools Add-ons Help

Share



| 100% | \$ % .0 .00 123 | Default (Ari... | 10 | **B** *I* S A | ...

fx

	A	B	C	D	E	F	G
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[cs50.ly/youtunes](https://cs50.ly/youtunes)



relational databases

C  
R  
U  
D

CREATE

READ

UPDATE

DELETE

SQL

CREATE

READ

UPDATE

DELETE

CREATE, INSERT

SELECT

UPDATE

DELETE

...

SQLite

# DB Browser for SQLite

[sqlitebrowser.org](https://sqlitebrowser.org)



```
SELECT columns FROM table WHERE condition;
```

AVG

COUNT

DISTINCT

MAX

MIN

...

WHERE

LIKE

LIMIT

GROUP BY

ORDER BY

JOIN

...

```
UPDATE table SET column=value WHERE condition;
```

```
DELETE FROM table WHERE condition;
```

```
INSERT INTO table (column, ...) VALUES(value, ...);
```

shows

# IMDb

[imdb.com/interfaces](https://www.imdb.com/interfaces)



PRIMARY KEY

FOREIGN KEY

# Assignment 6

# Office Hours

# CS50 for MBAs

SQL