SQLBolt Altering tables Exercise 17 — Tasks

Source:https://sqlbolt.com/lesson/altering_tables

Q) Add a column named Aspect_ratio with a FLOAT data type to store the aspect-ratio each movie was released in.

Ans:
ALTER
TABLE movies
ADD Aspect_ratio FLOAT;

Explanation:

- `ALTER TABLE movies`: Modifies the existing `movies` table.

- `ADD Aspect_ratio FLOAT`: Adds a new column named `Aspect_ratio` with the `FLOAT` data type.

  - This column can store decimal values like `1.85`, `2.39`, etc.

  - It will be `NULL` for all existing records until manually updated.

Q) Add another column named Language with a TEXT data type to store the language that the movie was released in. Ensure that the default for this language is English.

Ans:
ALTER
TABLE movies
ADD Language TEXT DEFAULT English;

Explanation:

- `ALTER TABLE movies`: Modifies the `movies` table.

- `ADD Language TEXT`: Adds a new column named `Language` with `TEXT` data type.

- `DEFAULT 'English'`: Sets the default value of this column to **'English'** for all future inserts (if no language is specified).

    - For existing rows, the value will be `NULL` unless updated manually.

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