ACTOR

* actor\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 200.

* first\_name – varchar(11)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (11) because the longest string is 11 characters long.

* last\_name – varchar(12)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (12) because the longest string is 12 characters long.

* last\_update - datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

ADDRESS

* address\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 605.

* address - varchar(38)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (38) because the longest string is 38 characters long.

* address2 - varchar(10)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (10) because the longest string is 10 characters long.

* district - varchar(20)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (20) because the longest string is 20 characters long.

* city\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 600.

* postal\_code - mediumint(5)

1. Mediumint because all data are integers between -8388608 to 8388607.
2. (5) because data is from 3 – 99865.

* phone - bigint(12)

1. Bigint because all data are integers between -9223372036854775808 to 9223372036854775807.
2. (12) because data is from 892523334 – 998010000000.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

CATEGORY

* category\_id - int(2)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (2) because data is from 1 – 16.

* name - varchar(11)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (11) because the longest string is 11 characters long.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

CITY

* city\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 600.

* city - varchar(26)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (26) because the longest string is 26 characters long.

* country\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 109.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

COUNTRY

* country\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 109.

* country - varchar(36)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (36) because the longest string is 36 characters long.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

CUSTOMER

* customer\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 599.

* store\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* first\_name - varchar(11)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (11) because the longest string is 11 characters long.

* last\_name - varchar(12)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (12) because the longest string is 12 characters long.

* email - varchar(40)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (40) because the longest string is 40 characters long.

* address\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 5 – 605.

* active - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 0 – 1.

* create\_date – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

FILM

* film\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 1000.

* title - varchar(27)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (27) because the longest string is 27 characters long.

* description - varchar(130)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (130) because the longest string is 130 characters long.

* release\_year - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is all 2006.

* language\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is all 1.

* original\_language\_id - varchar(10)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (10) because the longest string is 10 characters long.

* rental\_duration - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 3 – 7.

* rental\_rate - decimal(3,2)

1. Decimal because all data are numbers between –(10^38 +1) to 10^38.
2. (3,x) because the data is from 0.99 - 4.99.
3. (x,2) because the data has a precision of 2.

* length - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 46 – 185.

* replacement\_cost - decimal(4,2)

1. Decimal because all data are numbers between –(10^38 +1) to 10^38.
2. (4,x) because the data is from 9.99 – 29.99.
3. (x,2) because the data has a precision of 2.

* rating - varchar(5)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (5) because the longest string is 5 characters long.

* special\_features - varchar(54)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (54) because the longest string is 54 characters long.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

FILM\_ACTOR

* actor\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 200.

* film\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 1000.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

FILM\_CATEGORY

* film\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 1000.

* category\_id - int(2)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (2) because data is from 1 – 16.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

FILM\_TEXT

* film\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 1000.

* title - varchar(27)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (27) because the longest string is 27 characters long.

* description - varchar(130)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (130) because the longest string is 130 characters long.

INVENTORY

* inventory\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 4581.

* film\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 1000.

* store\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 2.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

LANGUAGE

* language\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 6.

* name - varchar(8)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (8) because the longest string is 8 characters long.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

PAYMENT

* payment\_id - int(5)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (5) because data is from 1 – 16049.

* customer\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 599.

* staff\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (3) because data is from 1 – 2.

* rental\_id - int(5)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (5) because data is from 1 – 16049.

* amount - decimal(4,2)

1. Decimal because all data are numbers between –(10^38 +1) to 10^38.
2. (4,x) because the data is from 0.00 - 11.99.
3. (x,2) because the data has a precision of 2.

* payment\_date – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

RENTAL

* rental\_id - int(5)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (5) because data is from 1 – 16049.

* rental\_date – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

* inventory\_id - int(4)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 4581.

* customer\_id - int(3)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (4) because data is from 1 – 599.

* return\_date – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

* staff\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

STAFF

* staff\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* first\_name - varchar(4)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (4) because the longest string is 4 characters long.

* last\_name - varchar(8)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (8) because the longest string is 8 characters long.

* address\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 3 – 4.

* picture – longblob

1. Longblob because data is binary large object column with a maximum length of 4294967295 (2^32 - 1) bytes.
2. Data is png file.

* email - varchar(28)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (28) because the longest string is 28 characters long.

* store\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* active - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is all 1.

* username - varchar(4)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (4) because the longest string is 4 characters long.

* password - varchar(40)

1. Varchar because all data are strings of various lengths between 0 to 65,535.
2. (40) because the longest string is 40 characters long.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.

STORE

* store\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* manager\_staff\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* address\_id - int(1)

1. Int because all data are integers between -2,147,483,648 to 2,147,483,647.
2. (1) because data is from 1 – 2.

* last\_update – datetime

1. Datetime because all data is in the format YYYY-MM-DD hh:mm:ss.