



# LibraryDB Data Dictionary

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## T01 (Authors)

| Field  | Data Type   | Constraints | Description |
|--------|-------------|-------------|-------------|
| T01F01 | INT         | PRIMARY KEY | author_id   |
| T01F02 | VARCHAR(50) | NOT NULL    | first_name  |
| T01F03 | VARCHAR(50) | NOT NULL    | last_name   |

## T02 (Books)

| Field  | Data Type    | Constraints | Description      |
|--------|--------------|-------------|------------------|
| T02F01 | INT          | PRIMARY KEY | book_id          |
| T02F02 | VARCHAR(100) | NOT NULL    | title            |
| T02F03 | INT          | FOREIGN KEY | author_id        |
| T02F04 | VARCHAR(50)  | NOT NULL    | genre            |
| T02F05 | YEAR         | NOT NULL    | publication_year |
| T02F06 | VARCHAR(13)  | UNIQUE      | isbn             |

## T03 (Borrowers)

| Field  | Data Type    | Constraints      | Description       |
|--------|--------------|------------------|-------------------|
| T03F01 | INT          | PRIMARY KEY      | borrower_id       |
| T03F02 | VARCHAR(50)  | NOT NULL         | first_name        |
| T03F03 | VARCHAR(50)  | NOT NULL         | last_name         |
| T03F04 | VARCHAR(100) | UNIQUE, NOT NULL | email             |
| T03F05 | DATE         |                  | registration_date |

## T04 (Borrowing\_Records)

| Field  | Data Type | Constraints | Description |
|--------|-----------|-------------|-------------|
| T04F01 | INT       | PRIMARY KEY | record_id   |
| T04F02 | INT       | FOREIGN KEY | book_id     |
| T04F03 | INT       | FOREIGN KEY | borrower_id |

|        |      |          |             |
|--------|------|----------|-------------|
| T04F04 | DATE | NOT NULL | borrow_date |
| T04F05 | DATE | NOT NULL | due_date    |
| T04F06 | DATE |          | return_date |