**Books Collection**

The JSON data provided represents a collection of books and their associated information. Let's discuss the data and its business purpose:

1. `\_id`: This field is an automatically generated unique identifier for each book, typically used as a primary key. Its business purpose is to ensure each book record has a distinct identifier for database management.

2. `id`: The `id` field contains an integer serving as a unique identifier for each book. The business purpose of the `id` field is to provide a simple, human-readable reference for books within the system.

3. `title`: The `title` field stores the title of each book. Its business purpose is to maintain a record of book titles for cataloging and identification.

4. `author\_id`: This field contains the identifier of the author associated with each book. It serves as a foreign key that links books to their respective authors. The business purpose of the `author\_id` field is to establish author-book relationships in a database.

5. `genre`: The `genre` field specifies the genre or category of each book, such as "Classic," "Fiction," "Fantasy," and others. It allows for genre-based categorization and sorting of books.

6. `published\_year`: This field holds the year in which each book was published. The business purpose of the `published\_year` field is to provide information about the publication date of books for chronological organization and analysis.

The primary purpose of this dataset is to manage information about books and their characteristics. It includes unique identifiers, book titles, author references, genre categorization, and publication years. Businesses, libraries, or bookstores can use this data for various purposes, including building an online catalog, organizing books by genre, and tracking book releases over time. The unique identifiers (`\_id` and `id`) enable efficient book management and tracking within a database system. The `author\_id` field establishes relationships between books and their respective authors, allowing for author-book associations.

JSON:

[{

"\_id": {

"$oid": "654c18b965471a462d7ba2af"

},

"id": 1,

"title": "The Great Gatsby",

"author\_id": 1,

"genre": "Classic",

"published\_year": 1925

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b0"

},

"id": 2,

"title": "To Kill a Mockingbird",

"author\_id": 2,

"genre": "Fiction",

"published\_year": 1960

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b1"

},

"id": 3,

"title": "Harry Potter and the Sorcerer's Stone",

"author\_id": 3,

"genre": "Fantasy",

"published\_year": 1997

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b2"

},

"id": 4,

"title": "1984",

"author\_id": 4,

"genre": "Dystopian",

"published\_year": 1949

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b3"

},

"id": 5,

"title": "Pride and Prejudice",

"author\_id": 5,

"genre": "Romance",

"published\_year": 1813

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b4"

},

"id": 6,

"title": "The Catcher in the Rye",

"author\_id": 6,

"genre": "Coming-of-age",

"published\_year": 1951

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b5"

},

"id": 7,

"title": "The Hobbit",

"author\_id": 7,

"genre": "Fantasy",

"published\_year": 1937

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b6"

},

"id": 8,

"title": "Lord of the Flies",

"author\_id": 8,

"genre": "Dystopian",

"published\_year": 1954

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b7"

},

"id": 9,

"title": "Moby-Dick",

"author\_id": 9,

"genre": "Adventure",

"published\_year": 1851

},

{

"\_id": {

"$oid": "654c18b965471a462d7ba2b8"

},

"id": 10,

"title": "The Alchemist",

"author\_id": 10,

"genre": "Adventure",

"published\_year": 1988

}]