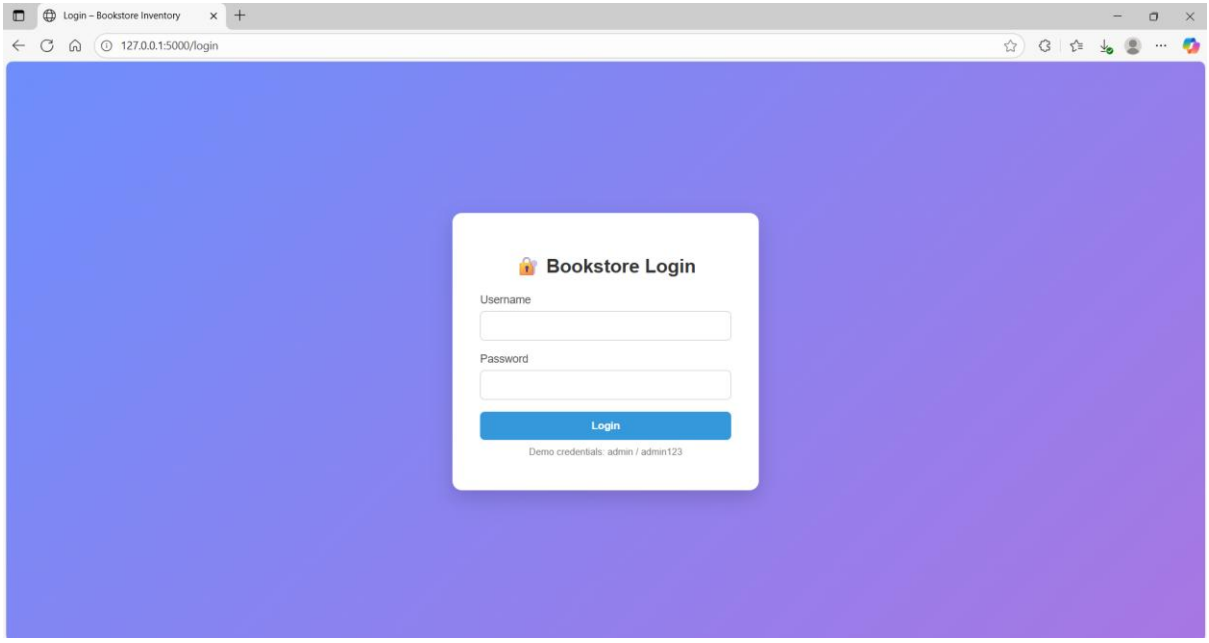
Step 4

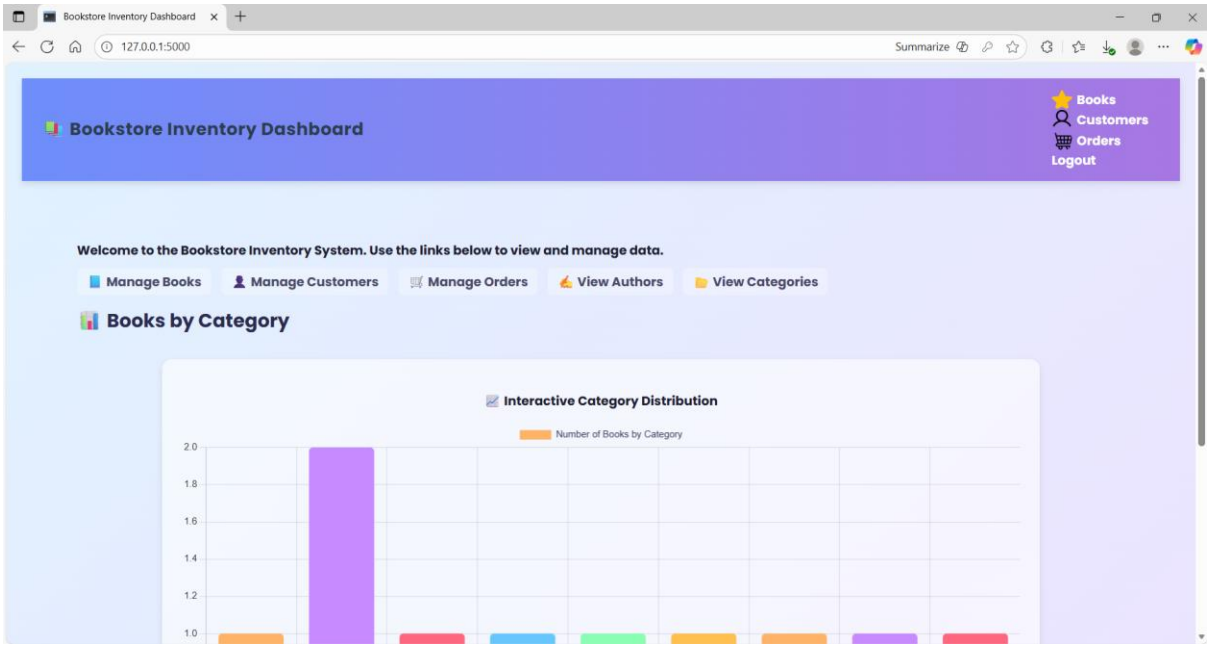
1. User Authentication

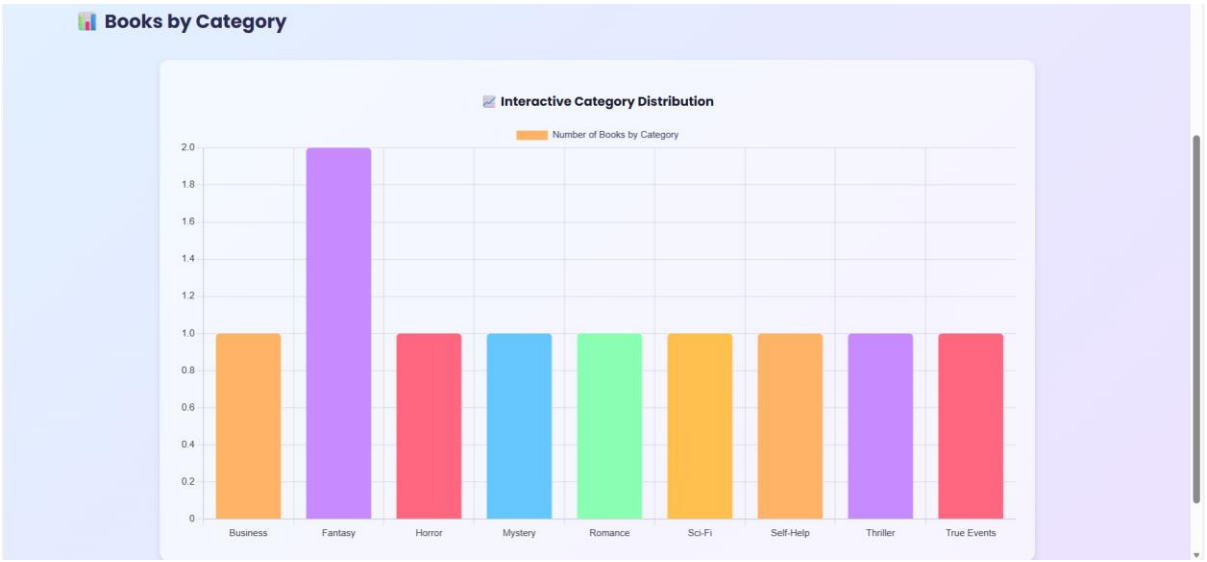


Username: admin

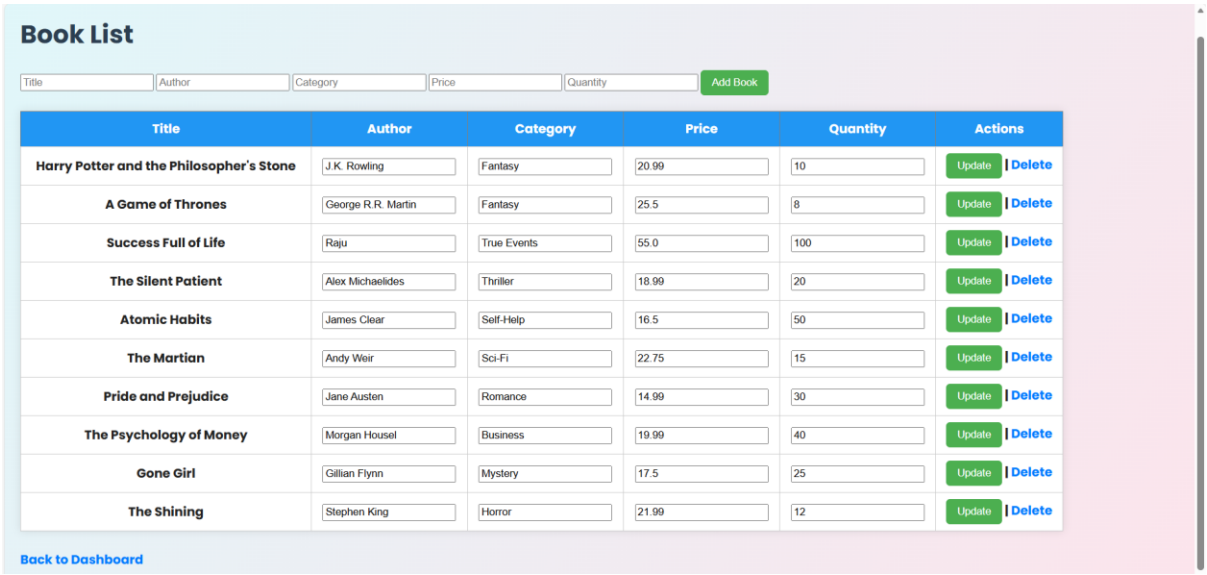
Password: admin123

2. Web Application

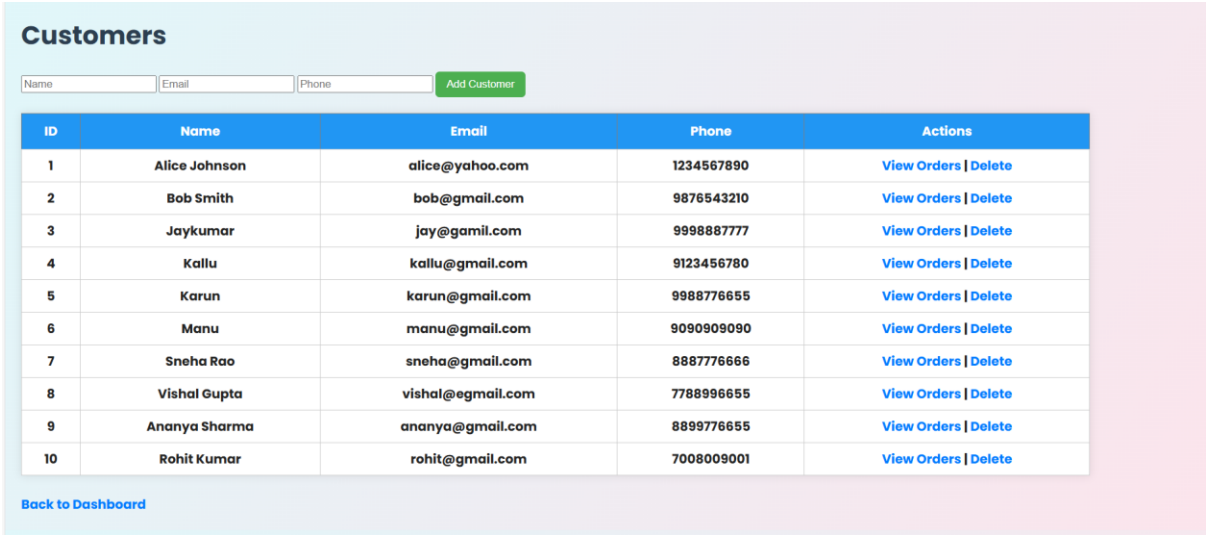




3. Book List Page



4. Customers Page



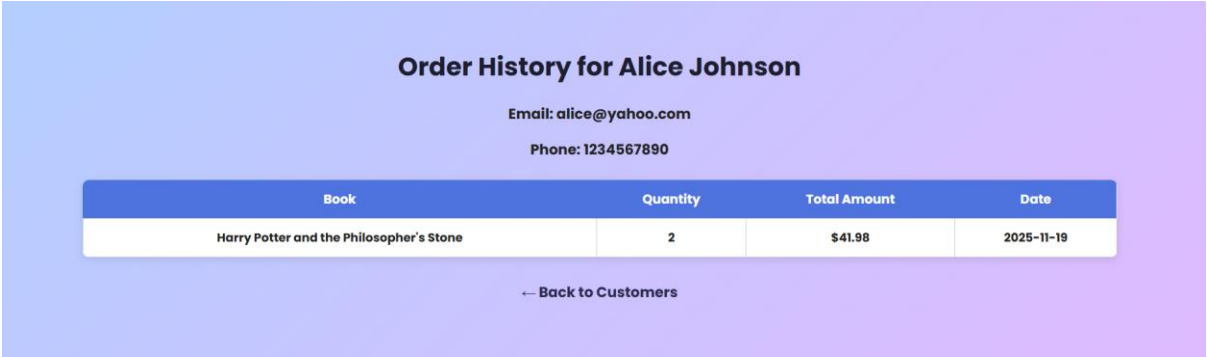
Customers

Name | Email | Phone | Add Customer

ID	Name	Email	Phone	Actions
1	Alice Johnson	alice@yahoo.com	1234567890	View Orders | Delete
2	Bob Smith	bob@gmail.com	9876543210	View Orders | Delete
3	Jaykumar	jay@gamil.com	9998887777	View Orders | Delete
4	Kallu	kallu@gmail.com	9123456780	View Orders | Delete
5	Karun	karun@gmail.com	9988776655	View Orders | Delete
6	Manu	manu@gmail.com	9090909090	View Orders | Delete
7	Sneha Rao	sneha@gmail.com	8887776666	View Orders | Delete
8	Vishal Gupta	vishal@egmail.com	7788996655	View Orders | Delete
9	Ananya Sharma	ananya@gmail.com	8899776655	View Orders | Delete
10	Rohit Kumar	rohit@gmail.com	7008009001	View Orders | Delete

Back to Dashboard

5. Orders of Customers Page



Order History for Alice Johnson

Email: alice@yahoo.com

Phone: 1234567890

Book	Quantity	Total Amount	Date
Harry Potter and the Philosopher's Stone	2	$41.98	2025-11-19

← Back to Customers

6. Orders of Customers Page

Order History for Bob Smith

Email: bob@gmail.com

Phone: 9876543210

Book	Quantity	Total Amount	Date
A Game of Thrones	1	$25.50	2025-11-19

← Back to Customers

7. Orders of Customers Page

Order History for Jaykumar

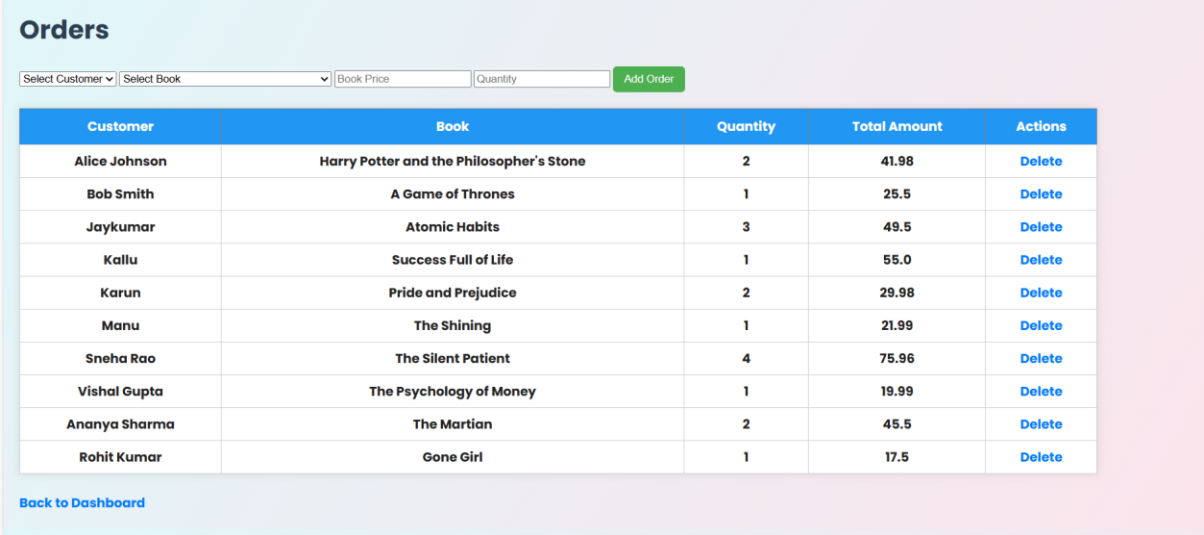
Email: jay@gamil.com

Phone: 9998887777

Book	Quantity	Total Amount	Date
Atomic Habits	3	$49.50	2025-11-19

← Back to Customers

8. Total Orders of Customers Page



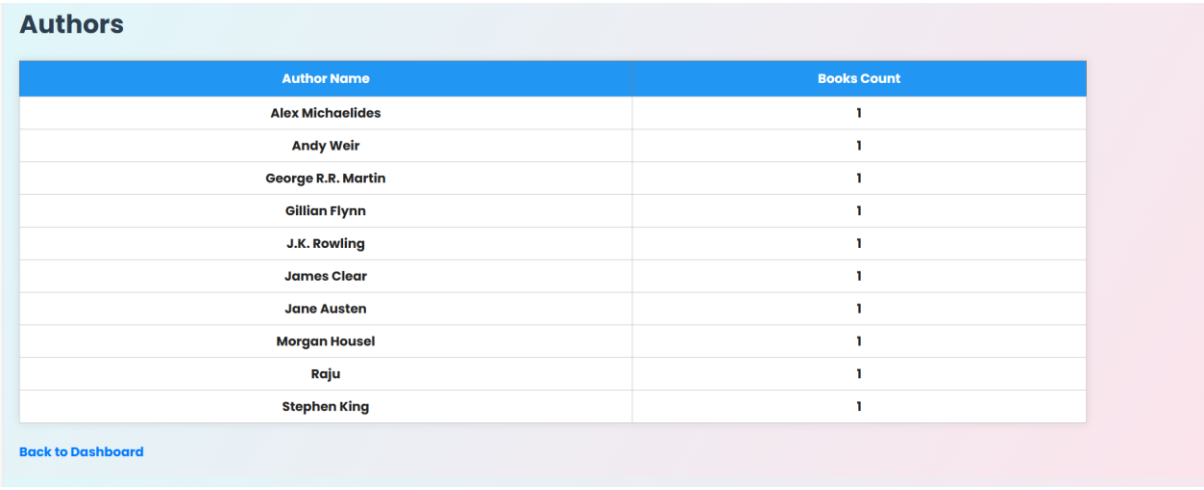
Orders

Select Customer | Select Book | Book Price | Quantity | Add Order

Customer	Book	Quantity	Total Amount	Actions
Alice Johnson	Harry Potter and the Philosopher's Stone	2	41.98	Delete
Bob Smith	A Game of Thrones	1	25.5	Delete
Jaykumar	Atomic Habits	3	49.5	Delete
Kallu	Success Full of Life	1	55.0	Delete
Karun	Pride and Prejudice	2	29.98	Delete
Manu	The Shining	1	21.99	Delete
Sneha Rao	The Silent Patient	4	75.96	Delete
Vishal Gupta	The Psychology of Money	1	19.99	Delete
Ananya Sharma	The Martian	2	45.5	Delete
Rohit Kumar	Gone Girl	1	17.5	Delete

Back to Dashboard

9. Authors Page

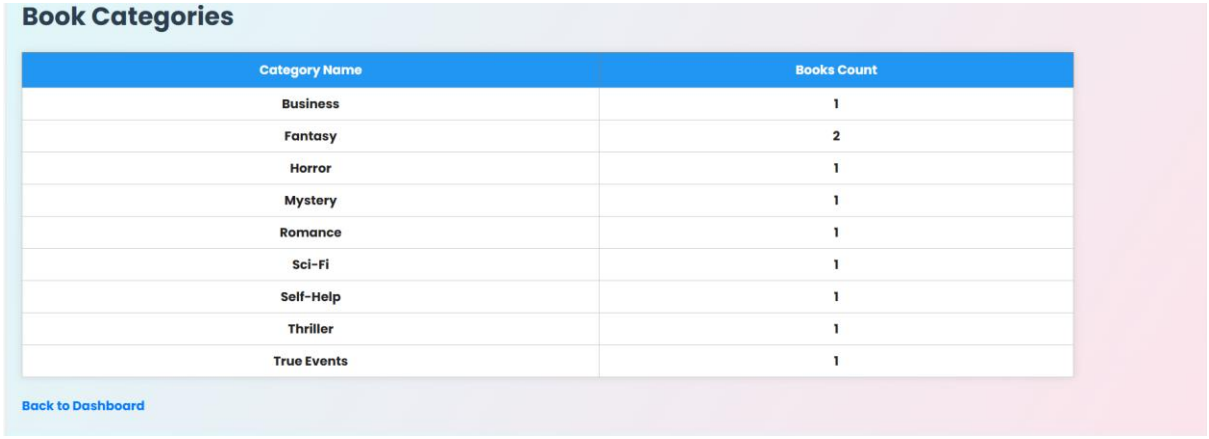


Authors

Author Name	Books Count
Alex Michaelides	1
Andy Weir	1
George R.R. Martin	1
Gillian Flynn	1
J.K. Rowling	1
James Clear	1
Jane Austen	1
Morgan Housel	1
Raju	1
Stephen King	1

Back to Dashboard

10. Book Categories Page



Book Categories

Category Name	Books Count
Business	1
Fantasy	2
Horror	1
Mystery	1
Romance	1
Sci-Fi	1
Self-Help	1
Thriller	1
True Events	1

Back to Dashboard

Command Prompt

```
PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass
PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> .\venv\Scripts\Activate
(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> python app.py
C:\Users\dell\AppData\Local\Programs\Python\Python312\python.exe: can't open file 'C:\\Users\\dell\\OneDrive\\Desktop\\DB\\bookstore_app\\app.py': [Errno 2] No such
 file or directory
(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> dir


    Directory: C:\Users\dell\OneDrive\Desktop\DB\bookstore_app


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----        19-11-2025     17:44                .git
d-----        19-11-2025     15:49                bookstore_app
d-----        19-11-2025     15:49                venv


(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> cd bookstore_app
(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app\bookstore_app> dir


    Directory: C:\Users\dell\OneDrive\Desktop\DB\bookstore_app\bookstore_app


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----        19-11-2025     17:05                instance
d-----        19-11-2025     15:49                static
d-----        19-11-2025     16:29                templates
```

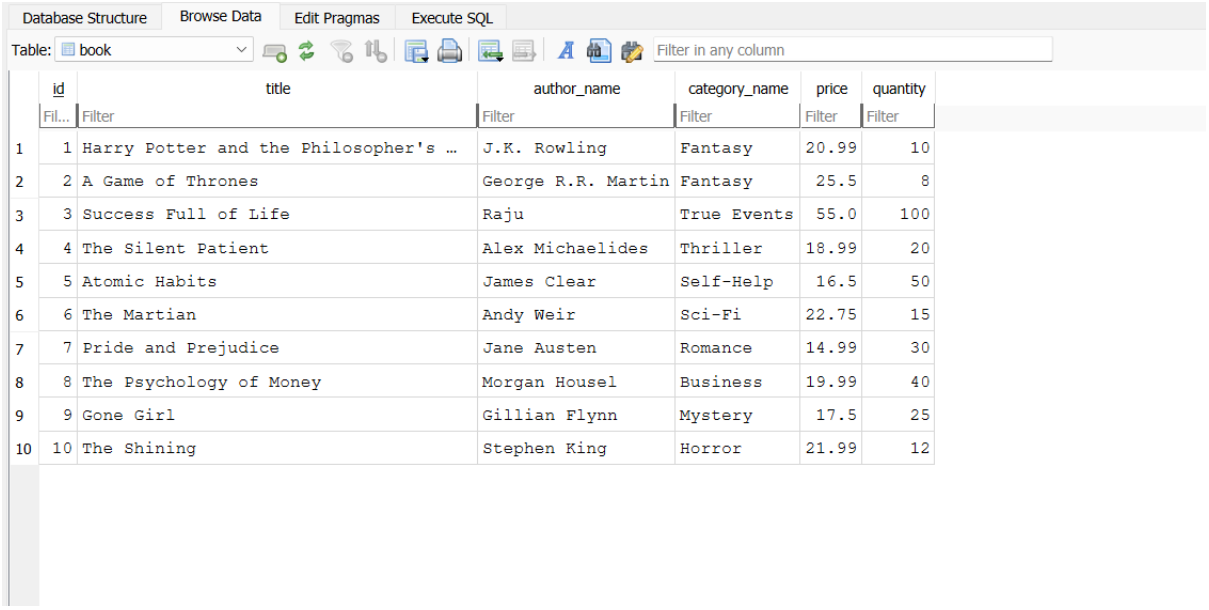
```
(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app> cd bookstore_app
(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app\bookstore_app> dir


    Directory: C:\Users\dell\OneDrive\Desktop\DB\bookstore_app\bookstore_app


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----        19-11-2025     17:05                instance
d-----        19-11-2025     15:49                static
d-----        19-11-2025     16:29                templates
-a----        19-11-2025     17:04          11075 app.py
-a----        19-11-2025     15:49          16384 backup_20251108_225743.db
-a----        19-11-2025     15:49          16384 backup_20251108_225744.db
-a----        19-11-2025     15:49          16384 backup_20251108_230740.db
-a----        19-11-2025     15:49          16384 backup_bookstore.db
-a----        19-11-2025     15:49             23 requirements.txt


(venv) PS C:\Users\dell\OneDrive\Desktop\DB\bookstore_app\bookstore_app> python app.py
 * Serving Flask app 'app'
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 213-083-378
```

Storing The Date In Tables

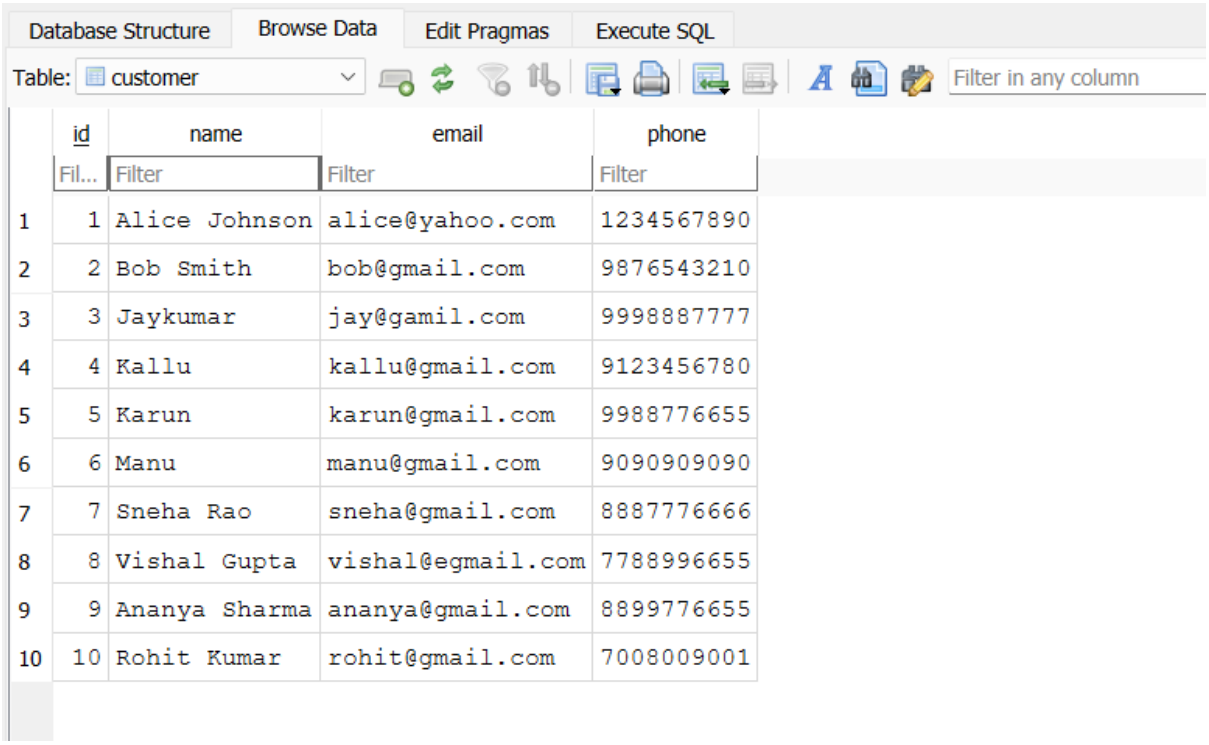


Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: book

Filter in any column

	id	title	author_name	category_name	price	quantity
	Fil...	Filter	Filter	Filter	Filter	Filter
1	1	Harry Potter and the Philosopher's …	J.K. Rowling	Fantasy	20.99	10
2	2	A Game of Thrones	George R.R. Martin	Fantasy	25.5	8
3	3	Success Full of Life	Raju	True Events	55.0	100
4	4	The Silent Patient	Alex Michaelides	Thriller	18.99	20
5	5	Atomic Habits	James Clear	Self-Help	16.5	50
6	6	The Martian	Andy Weir	Sci-Fi	22.75	15
7	7	Pride and Prejudice	Jane Austen	Romance	14.99	30
8	8	The Psychology of Money	Morgan Housel	Business	19.99	40
9	9	Gone Girl	Gillian Flynn	Mystery	17.5	25
10	10	The Shining	Stephen King	Horror	21.99	12



Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: customer

Filter in any column

	id	name	email	phone
	Fil...	Filter	Filter	Filter
1	1	Alice Johnson	alice@yahoo.com	1234567890
2	2	Bob Smith	bob@gmail.com	9876543210
3	3	Jaykumar	jay@gamil.com	9998887777
4	4	Kallu	kallu@gmail.com	9123456780
5	5	Karun	karun@gmail.com	9988776655
6	6	Manu	manu@gmail.com	9090909090
7	7	Sneha Rao	sneha@gmail.com	8887776666
8	8	Vishal Gupta	vishal@egmail.com	7788996655
9	9	Ananya Sharma	ananya@gmail.com	8899776655
10	10	Rohit Kumar	rohit@gmail.com	7008009001

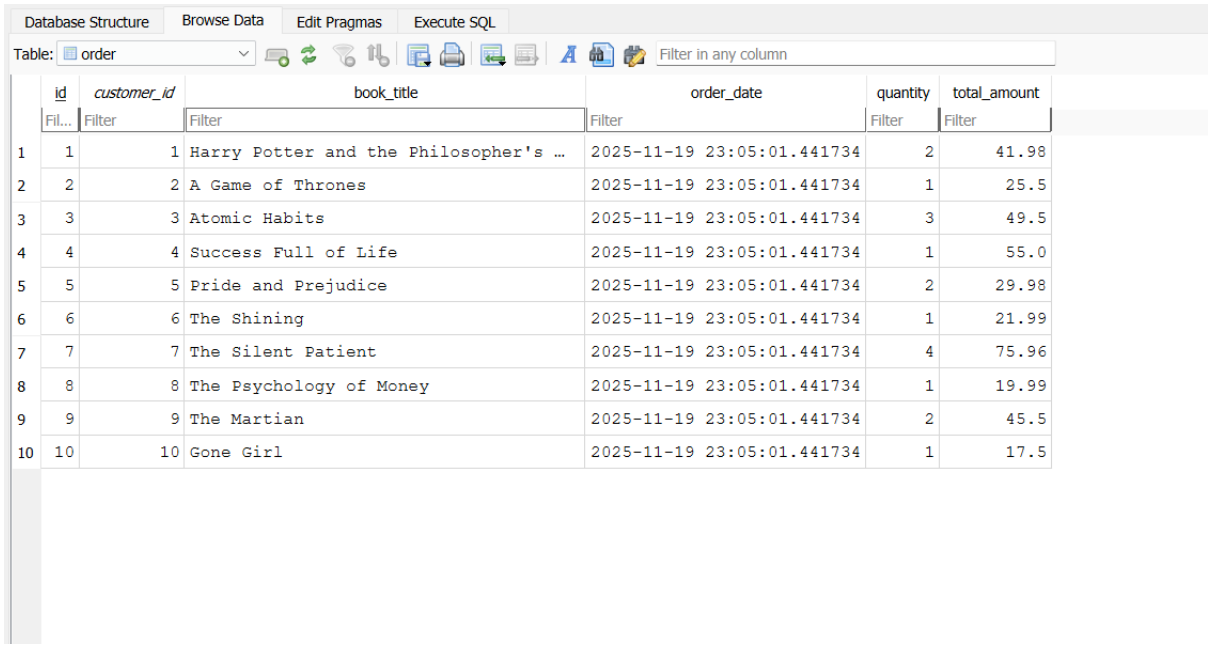

Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: order

Filter in any column

	id	customer_id	book_title	order_date	quantity	total_amount
	Fil...	Filter	Filter	Filter	Filter	Filter
1	1	1	Harry Potter and the Philosopher's …	2025-11-19 23:05:01.441734	2	41.98
2	2	2	A Game of Thrones	2025-11-19 23:05:01.441734	1	25.5
3	3	3	Atomic Habits	2025-11-19 23:05:01.441734	3	49.5
4	4	4	Success Full of Life	2025-11-19 23:05:01.441734	1	55.0
5	5	5	Pride and Prejudice	2025-11-19 23:05:01.441734	2	29.98
6	6	6	The Shining	2025-11-19 23:05:01.441734	1	21.99
7	7	7	The Silent Patient	2025-11-19 23:05:01.441734	4	75.96
8	8	8	The Psychology of Money	2025-11-19 23:05:01.441734	1	19.99
9	9	9	The Martian	2025-11-19 23:05:01.441734	2	45.5
10	10	10	Gone Girl	2025-11-19 23:05:01.441734	1	17.5