

Assignment – 4 (DBMS)

Krishna Pandey
(U20CS110)

1. Create a table Books library with fields.

ISBN	Character(10) Primarykey
Book Title	Character(25)
Author	Character(25)
Publication (dd-mm-yyyy format)	Date
Language	Character(25)
Issue Date	Date
Return Date	Date
Publisher Name	Character(25) (Null values allowed)
Price	Numeric(7,2)

2. Insert 10 Rows in the above created table for the books of subjects “DBMS” and “Computer Organization” written by single author. Consider your name and your father’s name in the author. Write SQL commands to display the following:

CODE :-

```
CREATE TABLE books
(
ISBN VARCHAR(10),
Book_Title VARCHAR(25),
Author VARCHAR(25),
Publication DATE,
Language VARCHAR(25),
Issue_Date DATE,
Return_Date DATE,
Publisher_Name VARCHAR(25) NULL,
Price DECIMAL(7,2),
PRIMARY KEY (ISBN)
);
```

```
DESCRIBE books;
```

```
INSERT INTO books
VALUES ('ISBN000001', 'F1_MERCEDES', 'DHAIRYA
OZA', '2021-01-10', 'ENGLISH', '2021-01-20', '2021-
01-27', 'TOTO', 500);
```

```
INSERT INTO books
VALUES ('ISBN000002', 'F1_REDBULL', 'DHAIRYA
OZA', '2019-02-08', 'SPANISH', '2019-02-20', '2019-
02-25', 'HORNER', 575);
```

```
INSERT INTO books
VALUES ('ISBN000003', 'F1_FERRARI', 'MV
OZA', '2018-03-08', 'SPANISH', '2019-03-20', '2019-
03-22', 'MATTIA', 1000);
```

```
INSERT INTO books
VALUES ('ISBN000004', 'F1_MCLAREN', 'MV
OZA', '2017-04-08', 'SPANISH', '2019-02-10', '2017-
04-15', 'BROWN', 350);
```

```
INSERT INTO books
VALUES ('ISBN000005', 'F1_ASTONMARTIN', 'DHAIRYA
OZA', '2021-05-10', 'ENGLISH', '2021-05-15', '2021-
05-25', NULL, 450);
```

```
INSERT INTO books
VALUES ('ISBN000006', 'F1_ALPINE', 'DHAIRYA
OZA', '2021-06-05', 'ENGLISH', '2021-06-15', '2021-
06-20', NULL, 650);
```

```
INSERT INTO books
VALUES ('ISBN000007', 'F1_TOROROSSO', 'DHAIRYA
OZA', '2021-07-05', 'ENGLISH', '2021-07-13', '2021-
07-17', NULL, 950);
```

```
INSERT INTO books
VALUES ('ISBN000008', 'F1_WILLIAMS', 'DHAIRYA
```

```
OZA', '2021-08-15', 'ENGLISH', '2021-08-17', '2021-08-19', 'CLAIRE', 1500);
```

```
INSERT INTO books
VALUES ('ISBN000009', 'F1_HAAS', 'MV
OZA', '2021-09-07', 'ENGLISH', '2021-09-10', '2021-09-14', 'GUNTHER', 1800);
```

```
INSERT INTO books
VALUES ('ISBN000010', 'F1_ALFAROMEIO', 'MV
OZA', '2021-10-05', 'ENGLISH', '2021-10-15', '2021-10-19', 'VASSEUR', 999);
```

(1).All columns and rows.

```
SELECT * FROM books;
```

6:44:49 PM x

Success
(10 rows) 0.1 s

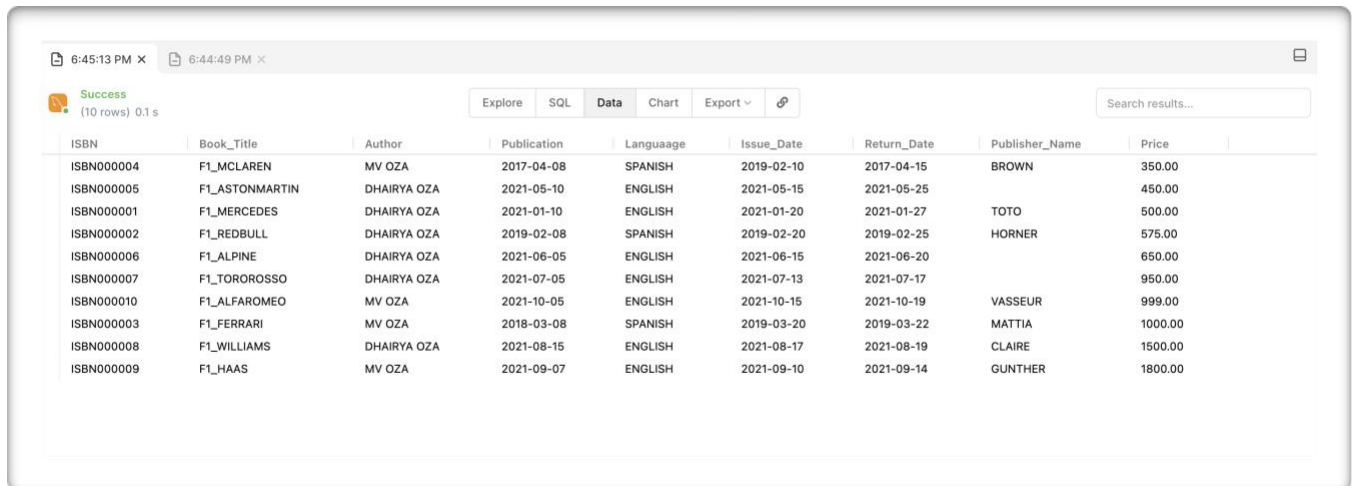
Explore SQL Data Chart Export

Search results...

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000003	F1_FERRARI	MV OZA	2018-03-08	SPANISH	2019-03-20	2019-03-22	MATTIA	1000.00
ISBN000004	F1_MCLAREN	MV OZA	2017-04-08	SPANISH	2019-02-10	2017-04-15	BROWN	350.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00
ISBN000009	F1_HAAS	MV OZA	2021-09-07	ENGLISH	2021-09-10	2021-09-14	GUNTHER	1800.00
ISBN000010	F1_ALFAROMEIO	MV OZA	2021-10-05	ENGLISH	2021-10-15	2021-10-19	VASSEUR	999.00

(2).List of all rows in ascending order of price.

```
SELECT * FROM books
ORDER BY Price;
```

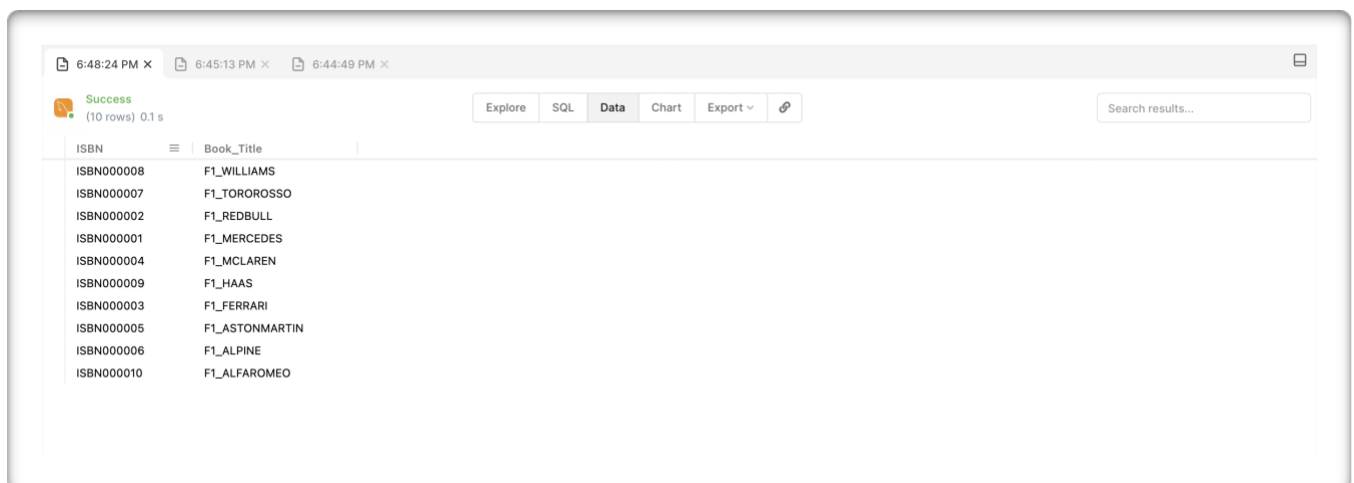


The screenshot shows a data exploration interface with a table of 10 rows. The table has columns: ISBN, Book_Title, Author, Publication, Language, Issue_Date, Return_Date, Publisher_Name, and Price. The data is sorted by Price in ascending order.

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000004	F1_MCLAREN	MV OZA	2017-04-08	SPANISH	2019-02-10	2017-04-15	BROWN	350.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000010	F1_ALFAROMEO	MV OZA	2021-10-05	ENGLISH	2021-10-15	2021-10-19	VASSEUR	999.00
ISBN000003	F1_FERRARI	MV OZA	2018-03-08	SPANISH	2019-03-20	2019-03-22	MATTIA	1000.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00
ISBN000009	F1_HAAS	MV OZA	2021-09-07	ENGLISH	2021-09-10	2021-09-14	GUNTHER	1800.00

(3).Books details with columns ISBN and Book title only in descending order of Book title.

```
SELECT ISBN,Book_Title FROM books ORDER
BY Book_Title DESC;
```



The screenshot shows a data exploration interface with a table of 10 rows. The table has columns: ISBN and Book_Title. The data is sorted by Book_Title in descending order.

ISBN	Book_Title
ISBN000008	F1_WILLIAMS
ISBN000007	F1_TOROROSSO
ISBN000002	F1_REDBULL
ISBN000001	F1_MERCEDES
ISBN000004	F1_MCLAREN
ISBN000009	F1_HAAS
ISBN000003	F1_FERRARI
ISBN000005	F1_ASTONMARTIN
ISBN000006	F1_ALPINE
ISBN000010	F1_ALFAROMEO

(4).Display the maximum and minimum prices of books.

```
SELECT MAX(Price) as "Max Price", MIN(Price)
as "Min Price" FROM books;
```

Success
(1 rows) 0.1 s

Explore SQL **Data** Chart Export ▾

Max Price	Min Price
1800.00	350.00

(5).Books details of all the books whose price is between 250 to700.

```
SELECT * FROM books WHERE Price BETWEEN 250
AND 700;
```

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000004	F1_MCLAREN	MV OZA	2017-04-08	SPANISH	2019-02-10	2017-04-15	BROWN	350.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00

(6).Books details of all the books whose price is greater than 500.

```
SELECT * FROM books WHERE Price > 500;
```

Success
(7 rows) 0.1 s

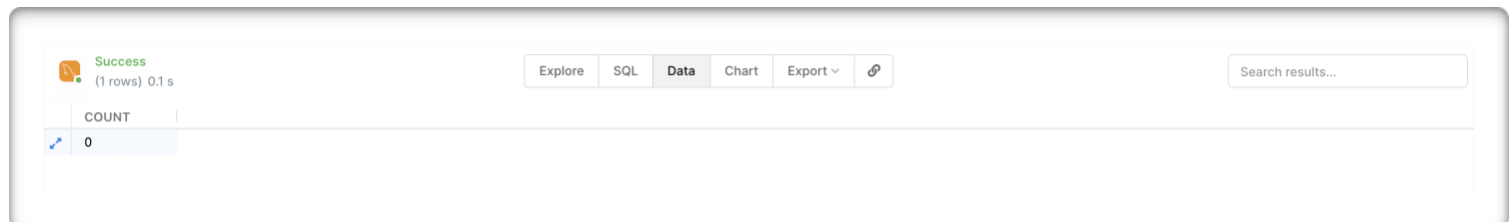
Explore SQL **Data** Chart Export ▾

Search results...

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000003	F1_FERRARI	MV OZA	2018-03-08	SPANISH	2019-03-20	2019-03-22	MATTIA	1000.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00
ISBN000009	F1_HAAS	MV OZA	2021-09-07	ENGLISH	2021-09-10	2021-09-14	GUNTHER	1800.00
ISBN000010	F1_ALFAROMEO	MV OZA	2021-10-05	ENGLISH	2021-10-15	2021-10-19	VASSEUR	999.00

(7).Count of books for the book title with "Computer" substring.

```
SELECT COUNT(*) AS "COUNT" FROM books WHERE
Book_Title LIKE '%Computer%';
```

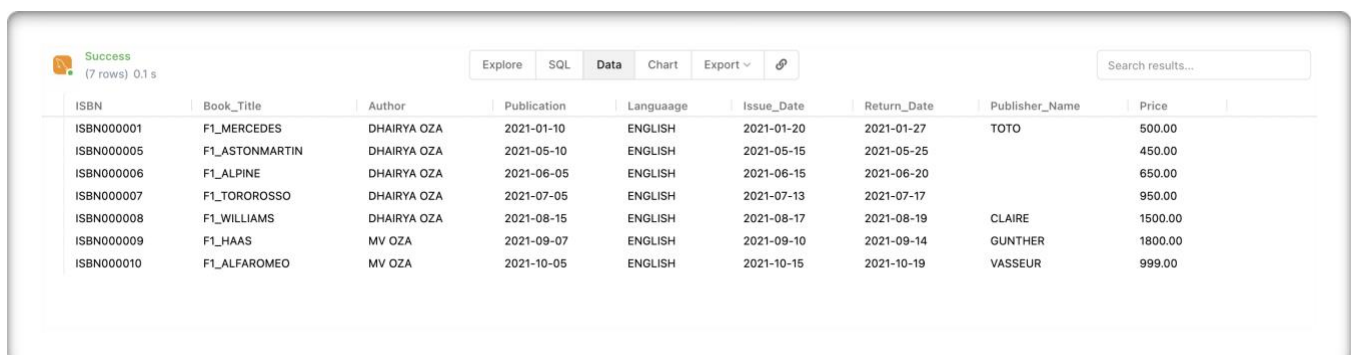


Success (1 rows) 0.1 s

COUNT
0

(8).Publication details of all the books whose Publication is after 1st jan2021.

```
SELECT * FROM books WHERE Publication
> '2021-01-01';
```

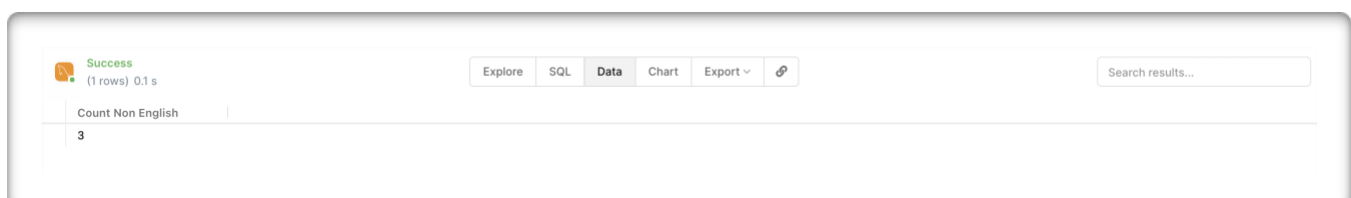


Success (7 rows) 0.1 s

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00
ISBN000009	F1_HAAS	MV OZA	2021-09-07	ENGLISH	2021-09-10	2021-09-14	GUNTHER	1800.00
ISBN000010	F1_ALFAROME0	MV OZA	2021-10-05	ENGLISH	2021-10-15	2021-10-19	VASSEUR	999.00

(9).Count of authors who have written books in other than the English language.

```
SELECT COUNT(*) AS "Count Non English" FROM
books WHERE Language!='ENGLISH';
```

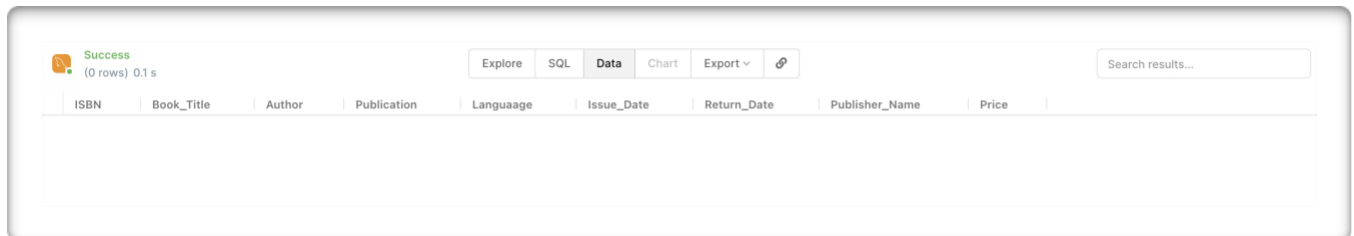


Success (1 rows) 0.1 s

Count Non English
3

(10).Details of books where publisher name is null.

```
SELECT * FROM books WHERE Publisher_Name IS NULL;
```

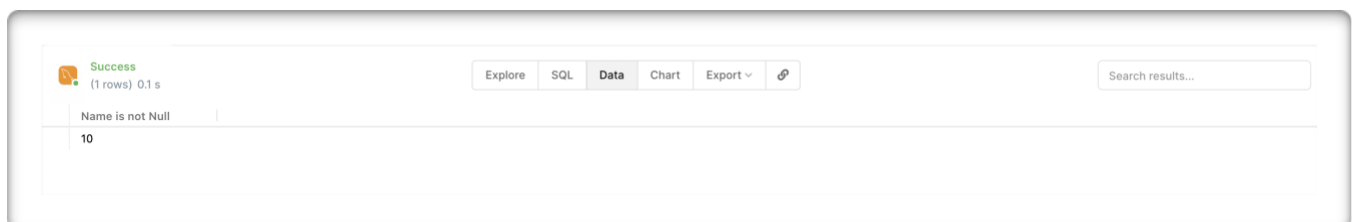


A screenshot of a database query interface. At the top, it says "Success (0 rows) 0.1 s". Below this are tabs for "Explore", "SQL", "Data", "Chart", and "Export". A search bar is on the right. Below the tabs is a table with columns: ISBN, Book_Title, Author, Publication, Language, Issue_Date, Return_Date, Publisher_Name, and Price. The table is currently empty.

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
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(11).Count of books whose publisher name is not null.

```
SELECT COUNT(*) AS "Name is not Null" FROM books  
WHERE Publisher_Name IS NOT NULL;
```

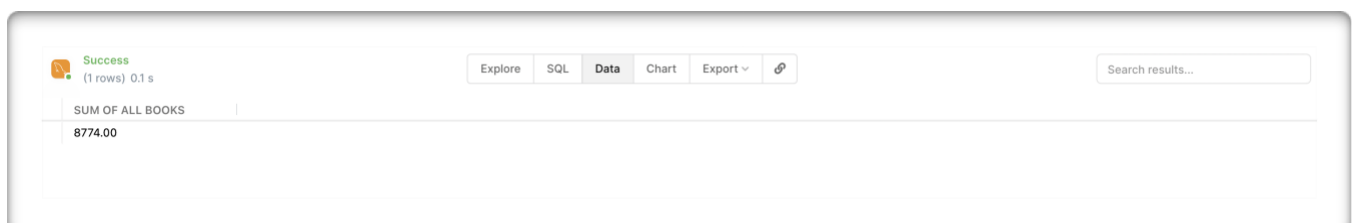


A screenshot of a database query interface. At the top, it says "Success (1 rows) 0.1 s". Below this are tabs for "Explore", "SQL", "Data", "Chart", and "Export". A search bar is on the right. Below the tabs is a table with one column: "Name is not Null". The table contains one row with the value "10".

Name is not Null
10

(12),Display the sum of price of all the books.

```
SELECT SUM(Price) AS "SUM OF ALL BOOKS"  
FROM books;
```

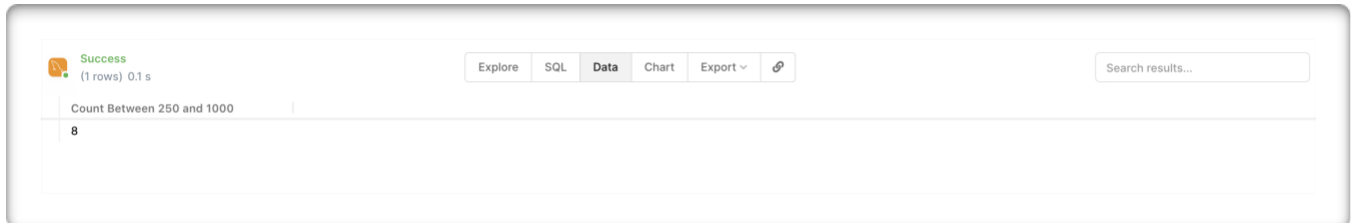


A screenshot of a database query interface. At the top, it says "Success (1 rows) 0.1 s". Below this are tabs for "Explore", "SQL", "Data", "Chart", and "Export". A search bar is on the right. Below the tabs is a table with one column: "SUM OF ALL BOOKS". The table contains one row with the value "8774.00".

SUM OF ALL BOOKS
8774.00

(13).Count of books having price >250 and <1000.

```
SELECT COUNT(*) AS "Count Between 250 and 1000"
FROM books WHERE Price BETWEEN 250 AND 1000;
```



Success (1 rows) 0.1 s

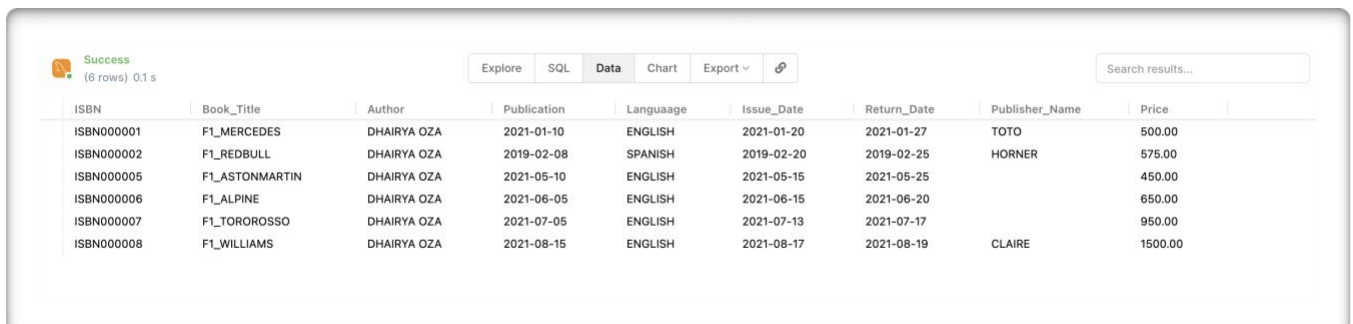
Explore SQL Data Chart Export

Search results...

Count Between 250 and 1000
8

(14).Details of all the books whose author name is "Your name".

```
SELECT * FROM books WHERE Author = "Dhairya Oza";
```



Success (8 rows) 0.1 s

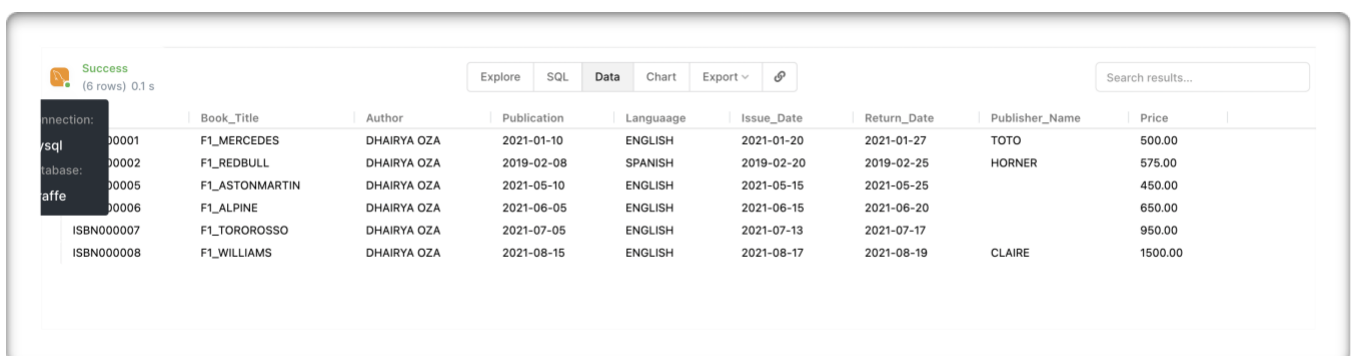
Explore SQL Data Chart Export

Search results...

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00

(15).Details of all the books whose author name is not "Your Father's Name".

```
SELECT * FROM books WHERE Author != "MV Oza";
```



Success (6 rows) 0.1 s

Explore SQL Data Chart Export

Search results...

ISBN	Book_Title	Author	Publication	Language	Issue_Date	Return_Date	Publisher_Name	Price
ISBN000001	F1_MERCEDES	DHAIRYA OZA	2021-01-10	ENGLISH	2021-01-20	2021-01-27	TOTO	500.00
ISBN000002	F1_REDBULL	DHAIRYA OZA	2019-02-08	SPANISH	2019-02-20	2019-02-25	HORNER	575.00
ISBN000005	F1_ASTONMARTIN	DHAIRYA OZA	2021-05-10	ENGLISH	2021-05-15	2021-05-25		450.00
ISBN000006	F1_ALPINE	DHAIRYA OZA	2021-06-05	ENGLISH	2021-06-15	2021-06-20		650.00
ISBN000007	F1_TOROROSSO	DHAIRYA OZA	2021-07-05	ENGLISH	2021-07-13	2021-07-17		950.00
ISBN000008	F1_WILLIAMS	DHAIRYA OZA	2021-08-15	ENGLISH	2021-08-17	2021-08-19	CLAIRE	1500.00

2. Create a table Hospital Management with fields:

2. Create a table Hospital Management with fields:

Doctor ID	Number (6) Primary key
Doctor Name	Character (25)
Specialization	Character (25)
Salary	Number (6)
Patient No.	Number (6)
Patient Name	Character (25)
Date admitted	Date
Discharge Date	Date

Insert 10 Rows in the above created table. Write SQL commands to display the following:

CODE :-

```
CREATE TABLE hospital
(
Doctor_Id NUMERIC(6) PRIMARY KEY NOT NULL,
Doctor_Name VARCHAR(25), Specialization
VARCHAR(25), Salary NUMERIC(6),

Patient_No NUMERIC(6),
Patient_Name VARCHAR(25),
Date_Admitted DATE,
Discharge_Date DATE
);
```

```
DESCRIBE hospital;
```

```
INSERT INTO hospital VALUES  
(1, 'Dhairya', 'Covid-19', 65000, 1, 'Krishna', '2021-01-06', '2021-01-11');
```

```
INSERT INTO hospital VALUES  
(2, 'Payal', 'Covid-19', 85000, 2, 'Aditya', '2021-01-08', '2021-01-13');
```

```
INSERT INTO hospital VALUES  
(3, 'Haimi', 'Omicron', 200000, 2, 'Dairya', '2020-11-11', '2020-11-13');
```

```
INSERT INTO hospital VALUES  
(4, 'Jayshree', 'Delta', 30000, 2, 'Harshvardhan', '2021-01-08', '2021-01-14');
```

```
INSERT INTO hospital VALUES  
(5, 'Hiren', 'Gamma', 50000, 2, 'Tanisha', '2021-01-10', '2021-01-15');
```

```
INSERT INTO hospital VALUES  
(6, 'Gunjan', 'Omicron', 100000, 2, 'Aarti', '2021-01-11', '2021-01-12');
```

```
INSERT INTO hospital VALUES (7, 'Trisha', 'Blood Pressure', 5000, 2, 'Suyog', '2021-02-01', '2021-02-11');
```

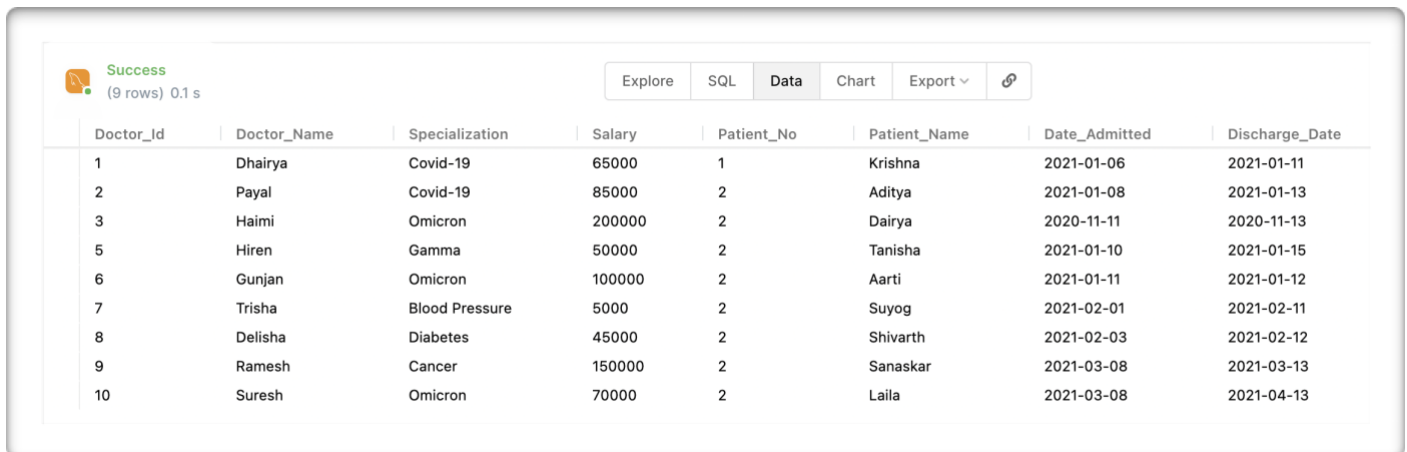
```
INSERT INTO hospital VALUES  
(8, 'Delisha', 'Diabetes', 45000, 2, 'Shivarth', '2021-02-03', '2021-02-12');
```

```
INSERT INTO hospital VALUES
(9, 'Ramesh', 'Cancer', 150000, 2, 'Sanaskar', '2021-03-08', '2021-03-13');
```

```
INSERT INTO hospital VALUES
(10, 'Suresh', 'Omicron', 70000, 2, 'Laila', '2021-03-08', '2021-04-13');
```

(1).Hospital management table with all columns and rows.

```
SELECT * FROM hospital;
```




Success
(9 rows) 0.1 s

Doctor_Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
2	Payal	Covid-19	85000	2	Aditya	2021-01-08	2021-01-13
3	Haimi	Omicron	200000	2	Dairya	2020-11-11	2020-11-13
5	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
6	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12
7	Trisha	Blood Pressure	5000	2	Suyog	2021-02-01	2021-02-11
8	Delisha	Diabetes	45000	2	Shivarth	2021-02-03	2021-02-12
9	Ramesh	Cancer	150000	2	Sanaskar	2021-03-08	2021-03-13
10	Suresh	Omicron	70000	2	Laila	2021-03-08	2021-04-13

(2).Doctor details with columns ID and Name only.


```
SELECT Doctor_Id, Doctor_Name FROM hospital;
```


 **Success**
(9 rows) 0.1 s

Doctor_Id	Doctor_Name
1	Dhairya
2	Payal
3	Haimi
5	Hiren
6	Gunjan
7	Trisha
8	Delisha
9	Ramesh
10	Suresh

(3).Details of all the doctors who are specialized in cancer.

```
SELECT * FROM hospital WHERE Specialization = 'Cancer';
```

 **Success**
(1 rows) 0.1 s


Explore SQL **Data** Chart Export ▾ 

Search results...

Doctor_Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
9	Ramesh	Cancer	150000	2	Sanaskar	2021-03-08	2021-03-13

(4).Count of the doctors' specialization wise.


```
SELECT COUNT(*) as "Count",Specialization FROM
hospital GROUP BY Specialization;
```

 **Success**
(6 rows) 0.1 s

Count	Specialization
2	Covid-19
3	Omicron
1	Gamma
1	Blood Pressure
1	Diabetes
1	Cancer

(5).Details of all the Doctors whose salary is between 50000 to 100000.

```
SELECT * FROM hospital WHERE Salary BETWEEN 50000
AND 100000;
```

 **Success**
(5 rows) 0.1 s

Connection: mysql
Database: mydb
Table: hospital

Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
2	Payal	Covid-19	85000	2	Aditya	2021-01-08	2021-01-13
3	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
4	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12
5	Suresh	Omicron	70000	2	Laila	2021-03-08	2021-04-13

(6).Display unique name of doctors.

```
SELECT DISTINCT(Doctor_Name) FROM hospital;
```



Success

(9 rows) 0.1 s

Do

0.086 seconds

Dhairya

Payal

Haimi

Hiren

Gunjan

Trisha

Delisha

Ramesh

Suresh

(7).Display the list of patients who are treated by doctor "XYZ".

```
SELECT Doctor_Name, Patient_Name FROM hospital  
WHERE Doctor_Name = 'Dhairya';
```




Success

(1 rows) 0.1 s

Doctor_Name	Patient_Name
Dhairya	Krishna

(8).Count of the Patient admitted for the Covid.

```
SELECT COUNT(*) AS "Count for Covid" FROM hospital
WHERE Specialization = 'Covid-19';
```




Success
(1 rows) 0.1 s

Count for Covid
2

(9).Details of all the Patients who are admitted after 1st jan 2021.

```
SELECT * FROM hospital WHERE Date_Admitted >
'2021-01-01';
```



Success
(8 rows) 0.1 s

Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
2	Payal	Covid-19	85000	2	Aditya	2021-01-08	2021-01-13
3	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
4	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12
5	Trisha	Blood Pressure	5000	2	Suyog	2021-02-01	2021-02-11
6	Delisha	Diabetes	45000	2	Shivarth	2021-02-03	2021-02-12
7	Ramesh	Cancer	150000	2	Sanaskar	2021-03-08	2021-03-13
8	Suresh	Omicron	70000	2	Laila	2021-03-08	2021-04-13

(10).Details of all the patient who are admitted after 1st Jan 2021 and before 31st Jan 2021.

```
SELECT * FROM hospital WHERE Date_Admitted BETWEEN '2021-01-01' AND '2021-01-31';
```

Success
(4 rows) 0.3 s

Doctor_Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
4	pAAYAL	Delta	30000	2	Harshvardhan	2021-01-08	2021-01-14
5	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
6	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12

(11).Delete the patients who are under the doctor "ABC".

```
DELETE FROM hospital WHERE Doctor_Name = 'Payal';
SELECT * FROM hospital;
```

Success
(8 rows) 0.1 s

Doctor_Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
3	Haimi	Omicron	200000	2	Dairya	2020-11-11	2020-11-13
5	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
6	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12
7	Trisha	Blood Pressure	5000	2	Suyog	2021-02-01	2021-02-11
8	Delisha	Diabetes	45000	2	Shivarth	2021-02-03	2021-02-12
9	Ramesh	Cancer	150000	2	Sanaskar	2021-03-08	2021-03-13
10	Suresh	Omicron	70000	2	Laila	2021-03-08	2021-04-13

(12).Update the doctor's name from "XYZ" to "ABC".

```
UPDATE hospital SET Doctor_Name = 'pAAYAL' WHERE  
Doctor_Name = 'Jayshree';  
SELECT * FROM hospital
```

Success
(9 rows) 0.1 s

Doctor_Id	Doctor_Name	Specialization	Salary	Patient_No	Patient_Name	Date_Admitted	Discharge_Date
1	Dhairya	Covid-19	65000	1	Krishna	2021-01-06	2021-01-11
3	Haimi	Omicron	200000	2	Dairya	2020-11-11	2020-11-13
4	pAAYAL	Delta	30000	2	Harshvardhan	2021-01-08	2021-01-14
5	Hiren	Gamma	50000	2	Tanisha	2021-01-10	2021-01-15
6	Gunjan	Omicron	100000	2	Aarti	2021-01-11	2021-01-12
7	Trisha	Blood Pressure	5000	2	Suyog	2021-02-01	2021-02-11
8	Delisha	Diabetes	45000	2	Shivarth	2021-02-03	2021-02-12
9	Ramesh	Cancer	150000	2	Sanaskar	2021-03-08	2021-03-13
10	Suresh	Omicron	70000	2	Laila	2021-03-08	2021-04-13

