

QUERY-01:

View all data from customer table.

Customer_ID	First_Name	Last_Name	Email	Phone_Number	Date_of_Birth	Gender	Address	Nationality
CU001	Mizan	Hossain	mizan@email.com	9876543210	1990-03-15	Male	Dhaka, Bangladesh	Bangladeshi
CU002	Nabila	Ahmed	nabila@email.com	9876500000	1995-08-19	Female	Chittagong, Bangladesh	Bangladeshi
CU003	Rahim	Chowdhury	rahim@email.com	9876512345	1987-02-28	Male	Sylhet, Bangladesh	Bangladeshi
CU004	Ayesha	Sultana	ayasha@email.com	9876523456	1992-11-10	Female	Rajshahi, Bangladesh	Bangladeshi
CU005	Arif	Hossain	arif@email.com	9876534567	1991-07-22	Male	Barishal, Bangladesh	Bangladeshi
CU006	Farah	Islam	farah@email.com	9876545678	1985-05-15	Female	Khulna, Bangladesh	Bangladeshi
CU007	Jamil	Khan	jamil@email.com	9876556789	1993-12-05	Male	Mymensingh, Bangladesh	Bangladeshi
CU008	Shabana	Begum	shabana@email.com	9876567890	1988-04-17	Female	Jessore, Bangladesh	Bangladeshi
CU009	Nashit	Iqbal	nashit@email.com	9876578901	1996-01-12	Male	Comilla, Bangladesh	Bangladeshi
CU010	Sultana	Rashid	sultana@email.com	9876589012	1994-09-25	Female	Barisal, Bangladesh	Bangladeshi
CU011	Shamim	Akter	shamim@email.com	9876590123	1989-06-30	Male	Tangail, Bangladesh	Bangladeshi
CU012	Lina	Jahan	lina@email.com	9876601234	1992-12-13	Female	Narsingdi, Bangladesh	Bangladeshi
CU013	Junaid	Mahmud	junaid@email.com	9876612345	1986-02-09	Male	Rajshahi, Bangladesh	Bangladeshi
CU014	Meher	Jahan	meher@email.com	9876623456	1990-08-03	Female	Sylhet, Bangladesh	Bangladeshi
CU015	Fahim	Rahman	fahim@email.com	9876634567	1995-11-18	Male	Chittagong, Bangladesh	Bangladeshi
CU016	Tania	Banu	tania@email.com	9876645678	1993-07-25	Female	Dhaka, Bangladesh	Bangladeshi
CU017	Sami	Ahmed	sami@email.com	9876656789	1994-04-12	Male	Khulna, Bangladesh	Bangladeshi
CU018	Rima	Akter	rima@email.com	9876667890	1992-09-10	Female	Jessore, Bangladesh	Bangladeshi
CU019	Imran	Chowdhury	imran@email.com	9876678901	1987-03-05	Male	Barisal, Bangladesh	Bangladeshi
CU020	Sadia	Jahan	sadia@email.com	9876689012	1995-10-30	Female	Comilla, Bangladesh	Bangladeshi
CU021	Mushfiq	Islam	mushfiq@email.com	9876690123	1993-01-18	Male	Mymensingh, Bangladesh	Bangladeshi
CU022	Rukaiya	Begum	rukaiya@email.com	9876701234	1990-11-07	Female	Tangail, Bangladesh	Bangladeshi
CU023	Samir	Rahman	samir@email.com	9876712345	1988-04-29	Male	Narsingdi, Bangladesh	Bangladeshi
CU024	Farhana	Sultana	farhana@email.com	9876723456	1994-06-11	Female	Dhaka, Bangladesh	Bangladeshi
CU025	Hassan	Khan	hassan@email.com	9876734567	1991-05-25	Male	Khulna, Bangladesh	Bangladeshi

QUERY-02:

show all flight from Dhaka.

Flight_ID	Flight_Number	Airplane_ID	Departure_Airport	Arrival_Airport	Departure_Time	Arrival_Time	Seats_Available	Flight_Status
FL001	BG101	AP001	VGEG	VGHS	2025-05-10 08:00:00	2025-05-10 09:30:00	150	On Time
FL005	BG105	AP005	VGEG	VGBR	2025-05-11 09:00:00	2025-05-11 11:00:00	140	On Time

QUERY-03:

order airport by Name.

ICAO_Code	IATA_Code	Airport_Name	Location	Country
VGBR	BZL	Barishal International Airport	Barishal	Bangladesh
VGEG	DAC	Hazrat Shahjalal International Airport	Dhaka	Bangladesh
VGBB	JSR	Osmani International Airport	Sylhet	Bangladesh
VGHS	CGP	Shah Amanat International Airport	Chittagong	Bangladesh
VGRJ	RJH	Shah Makhdum International Airport	Rajshahi	Bangladesh

QUERY-04:

Find airplane Seating Capacity more then 100.

Airplane_ID	Airline	Model	Seating_Capacity	Maintenance_Status
AP001	Biman Bangladesh Airlines	A320	150	Operational
AP002	US-Bangla Airlines	A321	180	Operational
AP005	Regent Airways	B737	140	Operational
AP006	Biman Bangladesh Airlines	B777	400	Operational
AP007	US-Bangla Airlines	A330	250	Operational
AP009	Air Astra	A320	160	Operational
AP010	Regent Airways	B747	350	Operational

QUERY-05:

view name of female customer.

First_Name	Last_Name
Nabila	Ahmed
Ayesha	Sultana
Farah	Islam
Shabana	Begum
Sultana	Rashid
Lina	Jahan
Meher	Jahan
Tania	Banu
Rima	Akter
Sadia	Jahan
Rukaiya	Begum
Farhana	Sultana

QUERY-06:

count total male customer

Total_Male_Customers
13

QUERY-07:

names (numbers) of all flights operated by Biman Bangladesh Airlines.

Flight_ID	Flight_Number	Airline
FL001	BG101	Biman Bangladesh Airlines
FL006	BG106	Biman Bangladesh Airlines

QUERY-08:

list customers who were born before the year 2000.

Customer_ID	First_Name	Last_Name	Date_of_Birth
CU001	Mizan	Hossain	1990-03-15
CU002	Nabila	Ahmed	1995-08-19
CU003	Rahim	Chowdhury	1987-02-28
CU004	Ayesha	Sultana	1992-11-10
CU005	Arif	Hossain	1991-07-22
CU006	Farah	Islam	1985-05-15
CU007	Jamil	Khan	1993-12-05
CU008	Shabana	Begum	1988-04-17
CU009	Nashit	Iqbal	1996-01-12
CU010	Sultana	Rashid	1994-09-25
CU011	Shamim	Akter	1989-06-30
CU012	Lina	Jahan	1992-12-13
CU013	Junaaid	Mahmud	1986-02-09
CU014	Meher	Jahan	1990-08-03
CU015	Fahim	Rahman	1995-11-18
CU016	Tania	Banu	1993-07-25
CU017	Sami	Ahmed	1994-04-12
CU018	Rima	Akter	1992-09-10
CU019	Imran	Chowdhury	1987-03-05
CU020	Sadia	Jahan	1995-10-30
CU021	Mushfiq	Islam	1993-01-18
CU022	Rukaiya	Begum	1990-11-07
CU023	Samir	Rahman	1988-04-29
CU024	Farhana	Sultana	1994-06-11
CU025	Hassan	Khan	1991-05-25

QUERY-09:

customer details for those traveling in Business Class.

Customer_ID	First_Name	Last_Name	Email	Phone_Number	Date_of_Birth	Gender	Address	Nationality
CU002	Nabila	Ahmed	nabila@email.com	9876500000	1995-08-19	Female	Chittagong, Bangladesh	Bangladeshi
CU004	Ayesha	Sultana	ayesha@email.com	9876523456	1992-11-10	Female	Rajshahi, Bangladesh	Bangladeshi
CU006	Farah	Islam	farah@email.com	9876545678	1985-05-15	Female	Khulna, Bangladesh	Bangladeshi
CU011	Shamim	Akter	shamim@email.com	9876590123	1989-06-30	Male	Tangail, Bangladesh	Bangladeshi
CU014	Meher	Jahan	meher@email.com	9876623456	1990-08-03	Female	Sylhet, Bangladesh	Bangladeshi
CU018	Rima	Akter	rima@email.com	9876667890	1992-09-10	Female	Jessore, Bangladesh	Bangladeshi
CU021	Mushfiq	Islam	mushfiq@email.com	9876690123	1993-01-18	Male	Mymensingh, Bangladesh	Bangladeshi
CU024	Farhana	Sultana	farhana@email.com	9876723456	1994-06-11	Female	Dhaka, Bangladesh	Bangladeshi

QUERY-10:

buy more than 2 tickets.

Customer_ID	First_Name	Last_Name	Total_Tickets
CU004	Ayesha	Sultana	3
CU014	Meher	Jahan	3
CU024	Farhana	Sultana	3

QUERY-11:

view most used payment method.

payment_method	payment_count
Card	11

QUERY-12:

view highest ticket price.

Flight_ID	Flight_Number	Highest_Ticket_Price
FL010	BG110	7000.00

QUERY-13:

list most booked flight .

Flight_ID	Flight_Number	Total_Bookings
FL001	BG101	3
FL002	BG102	3
FL003	BG103	3
FL004	BG104	3
FL005	BG105	3
FL006	BG106	2
FL007	BG107	2
FL008	BG108	2
FL009	BG109	2
FL010	BG110	2

QUERY-14:

list of total flight of Barishal.

Flight_ID	Flight_Number	Departure_IATA	Arrival_IATA	Departure_Time	Arrival_Time
FL010	BG110	JSR	BZL	2025-05-12 08:30:00	2025-05-12 10:30:00
FL007	BG107	BZL	DAC	2025-05-11 15:00:00	2025-05-11 16:30:00
FL008	BG108	BZL	JSR	2025-05-11 16:00:00	2025-05-11 18:00:00
FL005	BG105	DAC	BZL	2025-05-11 09:00:00	2025-05-11 11:00:00
FL006	BG106	CGP	BZL	2025-05-11 10:00:00	2025-05-11 12:00:00
FL009	BG109	CGP	BZL	2025-05-12 07:00:00	2025-05-12 09:00:00

QUERY-15:

list of flight Dhaka to Barishal.

Flight_ID	Flight_Number	Departure_IATA	Arrival_IATA	Departure_Time	Arrival_Time	Flight_Status
FL005	BG105	DAC	BZL	2025-05-11 09:00:00	2025-05-11 11:00:00	On Time

THE END