

SQL PROJECT-2

Air Cargo Analysis



air_cargo_analysis
.sql file: SQL Project 2 SAUM'

SUBMITTED BY:

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Air Cargo Analysis

Course-end Project 2

Description

Air Cargo is an aviation company that provides air transportation services for passengers and freight. Air Cargo uses its aircraft to provide different services with the help of partnerships or alliances with other airlines. The company wants to prepare reports on regular passengers, busiest routes, ticket sales details, and other scenarios to improve the ease of travel and booking for customers.

Project Objective:

You, as a DBA expert, need to focus on identifying the regular customers to provide offers, analyze the busiest route which helps to increase the number of aircraft required and prepare an analysis to determine the ticket sales details. This will ensure that the company improves its operability and becomes more customer-centric and a favorable choice for air travel.

Note: You must download the dataset from the course resource section in the LMS and create the tables to perform the above objective.

Dataset description:

customer: Contains the information of customers

- customer_id – ID of the customer
- first_name – First name of the customer
- last_name – Last name of the customer
- date_of_birth – Date of birth of the customer
- gender – Gender of the customer

passengers_on_flights: Contains information about the travel details

- aircraft_id – ID of each aircraft in a brand
- route_id – Route ID of from and to location
- customer_id – ID of the customer
- depart – Departure place from the airport
- arrival – Arrival place in the airport

- seat_num – Unique seat number for each passenger
- class_id – ID of travel class
- travel_date – Travel date of each passenger
- flight_num – Specific flight number for each route

ticket_details: Contains information about the ticket details

- p_date – Ticket purchase date
- customer_id – ID of the customer
- aircraft_id – ID of each aircraft in a brand
- class_id – ID of travel class
- no_of_tickets – Number of tickets purchased
- a_code – Code of each airport
- price_per_ticket – Price of a ticket
- brand – Aviation service provider for each aircraft

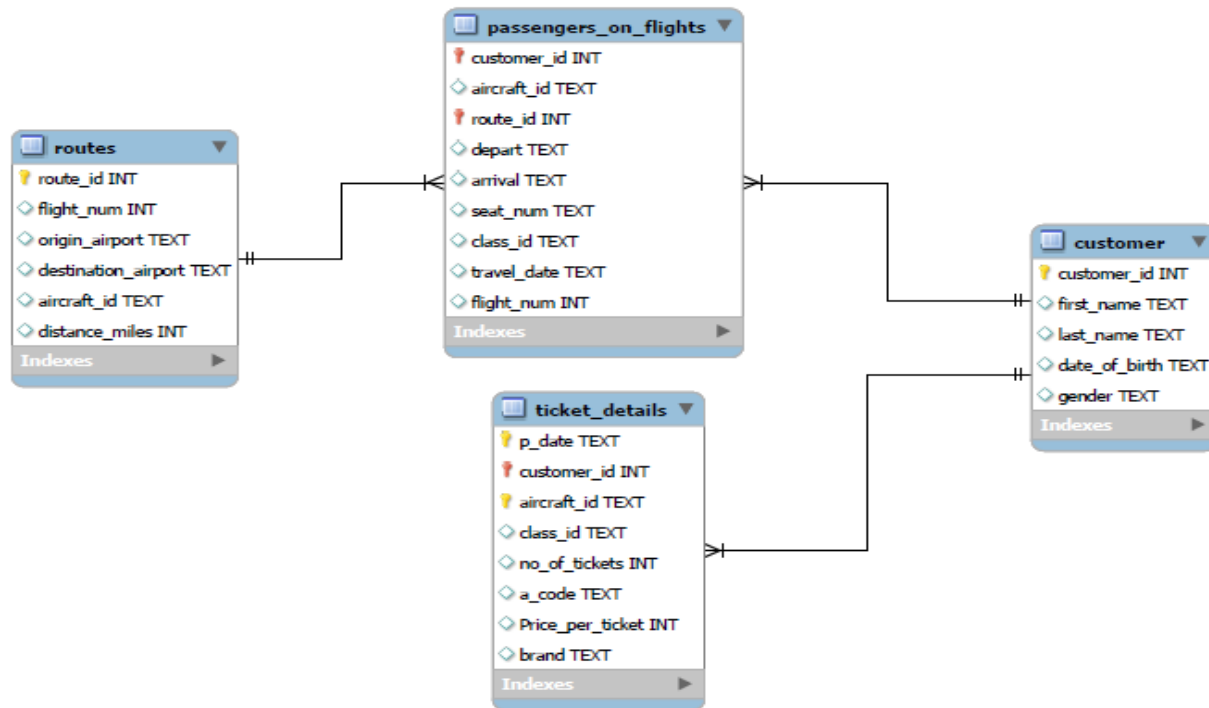
routes: Contains information about the route details

- Route_id – Route ID of from and to location
- Flight_num – Specific flight number for each route
- Origin_airport – Departure location
- Destination_airport – Arrival location
- Aircraft_id – ID of each aircraft in a brand
- Distance_miles – Distance between departure and arrival location

Datasets: [air_cargo_datasets.zip](#)



1. Create an ER diagram for the given airlines database.



er diagram air
cargo_pdf_.pdf

PDF link: [er diagram air cargo_pdf_.pdf](#)

2. Write a query to create route_details table using suitable data types for the fields, such as route_id, flight_num, origin_airport, destination_airport, aircraft_id, and distance_miles. Implement the check constraint for the flight number and unique constraint for the route_id fields. Also, make sure that the distance miles field is greater than 0.

```
CREATE TABLE route_details ( route_id int UNIQUE, flight_num int CHECK(flight_num <> 0), origin_airport  
varchar(200), destination_airport varchar(200), aircraft_id varchar(200), distance_miles int  
CHECK(distance_miles > 0) );
```

```
DESCRIBE route_details;
```

24 • `describe route_details;`

Result Grid						
		Filter Rows:			Export:	Wrap Cell Content:
	Field	Type	Null	Key	Default	Extra
▶	route_id	int	YES	UNI	NULL	
	flight_num	int	YES		NULL	
	origin_airport	varchar(50)	YES		NULL	
	destination_airport	varchar(50)	YES		NULL	
	aircraft_id	varchar(20)	YES		NULL	
	distance_miles	int	YES		NULL	

3. Write a query to display all the passengers (customers) who have travelled in routes 01 to 25. Take data from the passengers_on_flights table.

```
SELECT route_id, c.* FROM customer c LEFT JOIN passengers_on_flights pf ON c.customer_id=pf.customer_id
WHERE route_id BETWEEN 01 AND 25 ORDER BY route_id asc;
```

Result Grid						
		Filter Rows:			Export:	Wrap Cell Content:
	route_id	customer_id	first_name	last_name	date_of_birth	gender
▶	1	18	Gloria	Richie	04-12-1989	F
	4	2	Steve	Ryan	03-04-1983	M
	4	4	Cathenna	Emily	14-09-1977	F
	4	11	Roger	Walson	24-05-1996	M
	5	4	Cathenna	Emily	14-09-1977	F
	5	11	Roger	Walson	24-05-1996	M
	8	46	Louis	Douglas	22-09-1997	M
	9	1	Julie	Sam	12-01-1989	F
	9	29	Watson	Ronald	11-01-1991	M
	10	10	Melvin	Tracy	23-04-1995	M
	12	5	Aaron	Kim	18-02-1991	M
	13	13	Solomon	Walter	26-07-1998	M
	13	17	Catherine	Shad	09-11-1988	F

Result 4 ×

Output

Action Output

#	Time	Action	Message
✓ 7	16:29:12	describe route_details	6 row(s) returned
✓ 8	16:37:50	select route_id, c.* from customer c left join passengers_on_flights pf on c.customer_id=p...	26 row(s) returned

4. Write a query to identify the number of passengers and total revenue in business class from the ticket_details table.

```
SELECT sum(no_of_tickets) Total_Passengers, sum(no_of_tickets * Price_per_ticket) Revenue FROM
ticket_details WHERE class_id="Bussiness";
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Total_Passengers	Revenue
▶	13	6034

Result 9

×

Output

Action Output

▼

#	Time	Action	Message
✓ 12	16:51:16	SELECT sum(no_of_tickets) Total_Passengers, sum(no_of_tickets * Price_per_ticket) Re...	1 row(s) returned

5. Write a query to display the full name of the customer by extracting the first name and last name from the customer table.

SELECT concat(first_name, " ", last_name) Full_Name FROM customer;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Full_Name
Julie Sam
Steve Ryan
Morris Lois
Cathenna Emily
Aaron Kim
Alexander Scot
Anderson Stewart
Floyd Ted
Leo Travis
Melvin Tracy
Roger Walson

Result 7

Output

Action Output

#	Time	Action	Message
10	16:44:02	select concat(first_name," "last_name) Full_Name from customer	50 row(s) returned

6. Write a query to extract the customers who have registered and booked a ticket. Use data from the customer and ticket_details tables.

SELECT DISTINCT c.* FROM customer c Right Join ticket_details td ON c.customer_id = td.customer_id ORDER BY customer_id asc;

Result Grid					
		Filter Rows:		Export:	Wrap Cell Content:
	customer_id	first_name	last_name	date_of_birth	gender
▶	1	Julie	Sam	12-01-1989	F
	2	Steve	Ryan	03-04-1983	M
	4	Cathenna	Emily	14-09-1977	F
	5	Aaron	Kim	18-02-1991	M
	7	Anderson	Stewart	11-01-1992	M
	8	Floyd	Ted	21-02-1993	M
	9	Leo	Travis	22-03-1994	M
	10	Melvin	Tracy	23-04-1995	M
	11	Roger	Walson	24-05-1996	M
	13	Solomon	Walter	26-07-1998	M

Result 11				
Output				
Action Output				
	#	Time	Action	Message
✓	14	16:55:12	SELECT DISTINCT c.* FROM customer c Right Join ticket_details td ON c.customer_id=td...	33 row(s) returned

7. Write a query to identify the customer's first name and last name based on their customer ID and brand (Emirates) from the ticket_details table.

```
SELECT DISTINCT c.customer_id, c.first_name, c.last_name FROM ticket_details td LEFT JOIN customer c ON td.customer_id = c.customer_id WHERE brand = "Emirates" ORDER BY customer_id asc;
```

Result Grid					
		Filter Rows:		Export:	Wrap Cell Content:
	customer_id	first_name	last_name		
▶	2	Steve	Ryan		
	4	Cathenna	Emily		
	5	Aaron	Kim		
	7	Anderson	Stewart		
	9	Leo	Travis		
	11	Roger	Walson		
	14	Carol	Vernon		
	18	Gloria	Richie		
	19	Joyce	Paul		
	25	Moss	Morris		

Result 13				
Output				
Action Output				
	#	Time	Action	Message
✓	16	17:00:07	SELECT DISTINCT c.customer_id, c.first_name, c.last_name FROM ticket_details td Left ...	14 row(s) returned

8. Write a query to identify the customers who have travelled by *Economy Plus* class using Group By and Having clause on the passengers_on_flights table.

```
SELECT class_id, count(*) EcoPlus_Passengers FROM passengers_on_flights GROUP BY class_id HAVING class_id = "Economy Plus";
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	class_id	EcoPlus_Passengers
▶	Economy Plus	10

Result 18

Output

Action Output

#	Time	Action	Message
✓ 28	17:08:48	SELECT class_id, count(*) EcoPlus_Passengers FROM passengers_on_flights GROUP B...	1 row(s) returned

9. Write a query to identify whether the revenue has crossed 10000 using the IF clause on the ticket_details table.

SELECT sum(Price_per_ticket * no_of_tickets) Revenue, IF(sum(no_of_tickets * Price_per_ticket) > 10000, "Target Achieved", "Target Not Achieved") Status FROM ticket_details;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Revenue	Status
▶	15369	Target Achieved

Result 24

×

Output

Action Output

#	Time	Action	Message
✓ 34	17:15:10	SELECT sum(Price_per_ticket * no_of_tickets) Revenue, if(sum(no_of_tickets*Price_per_t...	1 row(s) returned

10. Write a query to create and grant access to a new user to perform operations on a database.

CREATE USER "data_analyst"@"localhost" IDENTIFIED BY "data_analyst";

SELECT user, host FROM mysql.user WHERE user="data_analyst";

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	user	host
▶	data_analyst	localhost

user 26

×

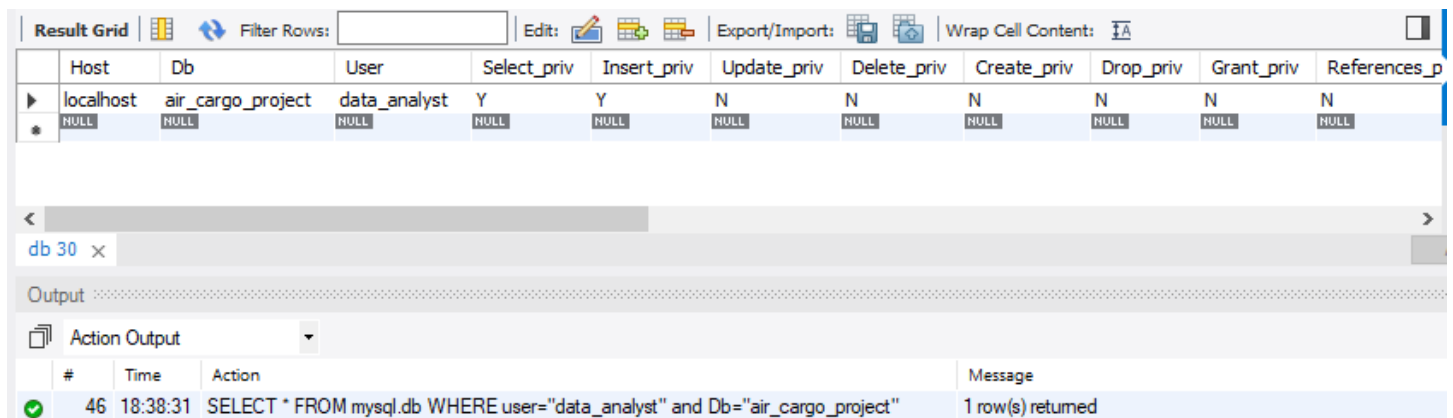
Output

Action Output

#	Time	Action	Message
✓ 37	18:22:49	SELECT user, host FROM mysql.user WHERE user="data_analyst"	1 row(s) returned

GRANT select, insert ON air_cargo_project.* TO "data_analyst"@"localhost";

SELECT * FROM mysql.db WHERE user="data_analyst" and Db="air_cargo_project";



	Host	Db	User	Select_priv	Insert_priv	Update_priv	Delete_priv	Create_priv	Drop_priv	Grant_priv	References_p
▶	localhost	air_cargo_project	data_analyst	Y	Y	N	N	N	N	N	N
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

db 30 x

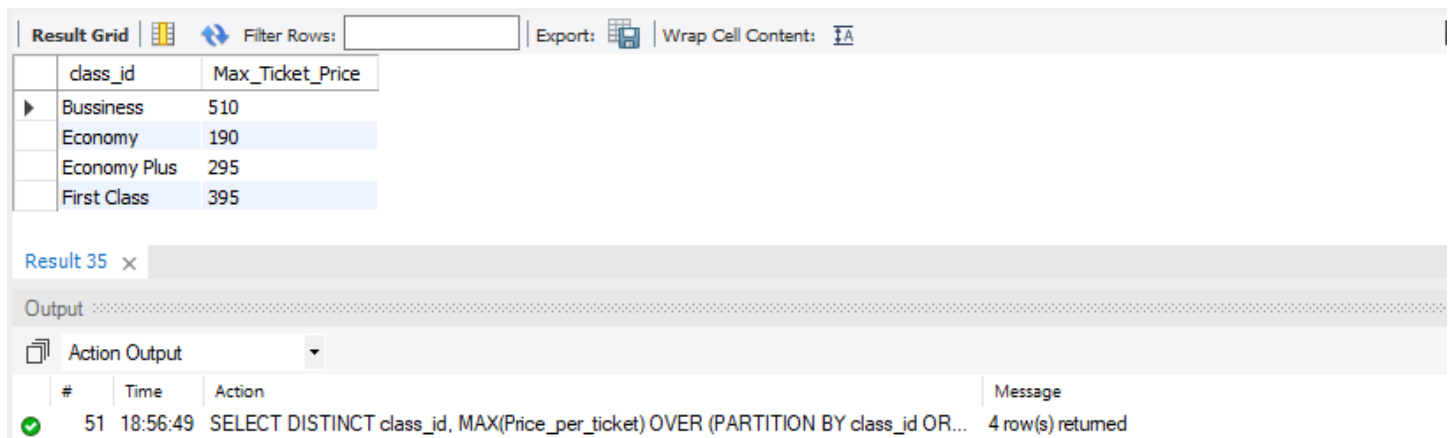
Output

Action Output

#	Time	Action	Message
✓ 46	18:38:31	SELECT * FROM mysql.db WHERE user="data_analyst" and Db="air_cargo_project"	1 row(s) returned

11. Write a query to find the maximum ticket price for each class using window functions on the ticket_details table.

SELECT DISTINCT class_id, MAX(Price_per_ticket) OVER (PARTITION BY class_id ORDER BY class_id asc)
Max_Ticket_Price FROM ticket_details;



	class_id	Max_Ticket_Price
▶	Bussiness	510
	Economy	190
	Economy Plus	295
	First Class	395

Result 35 x

Output

Action Output

#	Time	Action	Message
✓ 51	18:56:49	SELECT DISTINCT class_id, MAX(Price_per_ticket) OVER (PARTITION BY class_id ORDER BY class_id asc) Max_Ticket_Price FROM ticket_details;	4 row(s) returned

12. Write a query to extract the passengers whose route ID is 4 by improving the speed and performance of the passengers_on_flights table.

ALTER TABLE passengers_on_flights ADD PRIMARY KEY (route_id, customer_id);

SHOW INDEX FROM passengers_on_flights WHERE Key_name = 'PRIMARY';

Result Grid Filter Rows: Export: Wrap Cell Content:											
	Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type
▶	passengers_on_flights	0	PRIMARY	1	route_id	A	32	NULL	NULL		BTREE
	passengers_on_flights	0	PRIMARY	2	customer_id	A	50	NULL	NULL		BTREE

#	Time	Action	Message
✓ 57	19:26:20	SHOW INDEX FROM passengers_on_flights WHERE Key_name = 'PRIMARY'	2 row(s) returned

SELECT customer_id FROM passengers_on_flights WHERE route_id=4;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	customer_id
▶	2
	4
	11

passengers_on_flights 41

×

Output

Action Output

#

Time

Action

Message

✓

61

19:32:07

SELECT customer_id FROM passengers_on_flights WHERE route_id = 4

3 row(s) returned

13. For the route ID 4, write a query to view the execution plan of the passengers_on_flights table.

EXPLAIN SELECT customer_id FROM passengers_on_flights WHERE route_id = 4;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	id	select_type	table	partitions	type	possible_keys	key	key_len	ref	rows	filtered	Extra
▶	1	SIMPLE	passengers_on_flights	NULL	ref	PRIMARY	PRIMARY	4	const	3	100.00	Using index

Result 48

×

Output

Action Output

▼

#	Time	Action	Message
✓ 74	19:58:40	EXPLAIN SELECT customer_id FROM passengers_on_flights WHERE route_id = 4	1 row(s) returned

14. Write a query to calculate the total price of all tickets booked by a customer across different aircraft IDs using rollup function.

```
SELECT td.customer_id, COALESCE(td.aircraft_id, 'Total Spent by this customer') AS Aircraft,
SUM(td.no_of_tickets * td.Price_per_ticket) Total_Ticket_Price FROM ticket_details td GROUP BY
td.customer_id, td.aircraft_id WITH ROLLUP;
```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
	customer_id	Aircraft	Total_Ticket_Price			
▶	1	CRJ900	320			
	1	ERJ142	250			
	1	Total Spent by this customer	570			
	2	767-301ER	130			
	2	A321	505			
	2	Total Spent by this customer	635			
	4	767-301ER	780			
	4	Total Spent by this customer	780			
	5	767-301ER	430			
	5	ERJ142	240			
	5	Total Spent by this customer	670			
	7	767-301ER	430			
	7	Total Spent by this customer	430			

Result 13 x

Output

Action Output

#	Time	Action	Message
✓ 14	20:29:35	SELECT td.customer_id, COALESCE(td.aircraft_id, 'Total Spent by this customer') A...	75 row(s) returned

15. Write a query to create a view with only business class customers along with the brand of airlines.

CREATE VIEW business_class_customers AS

SELECT t.customer_id, c.first_name, c.last_name, t.brand FROM ticket_details t, customer c

WHERE t.customer_id = c.customer_id and t.class_id = 'Business';

SELECT * FROM business_class_customers;

Result Grid					Filter Rows:	Export:	Wrap Cell Content:
	customer_id	first_name	last_name	brand			
▶	2	Steve	Ryan	Qatar Airways			
	5	Aaron	Kim	Emirates			
	7	Anderson	Stewart	Emirates			
	11	Roger	Walson	Emirates			
	11	Roger	Walson	Emirates			
	15	Linda	William	Qatar Airways			
	21	Chirsty	Josh	British Airways			
	24	Calvin	Willis	Qatar Airways			
	25	Moss	Morris	Emirates			
	29	Watson	Ronald	Jet Airways			
	29	Watson	Ronald	Qatar Airways			
	33	Mark	Ethan	British Airways			
	49	Russell	Peter	Emirates			

business_class_customers 25 x

Output

Action Output

#	Time	Action	Message
✓ 44	21:18:10	select * from business_class_customers	13 row(s) returned

16. Write a query to create a stored procedure to get the details of all passengers flying between a range of routes defined in run time. Also, return an error message if the table doesn't exist.

```
DELIMITER $$
```

```
CREATE PROCEDURE passengers_between_route_range(IN start_route_id INT, IN end_route_id INT)
```

```
BEGIN
```

```
IF NOT EXISTS (SELECT * FROM information_schema.tables
```

```
WHERE table_name = 'passengers_on_flights' AND table_schema = DATABASE()) THEN
```

```
SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Error: Table passengers_on_flights does not exist.';
```

```
ELSE
```

```
SELECT pf.customer_id, c.first_name, c.last_name, pf.route_id, pf.depart, pf.arrival
```

```
FROM passengers_on_flights pf
```

```
JOIN customer c ON pf.customer_id = c.customer_id
```

```
WHERE pf.route_id BETWEEN start_route_id AND end_route_id;
```

```
END IF;
```

```
END$$
```

```
DELIMITER ;
```

```
CALL passengers_between_route_range(1,10);
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	customer_id	first_name	last_name	route_id	depart	arrival
▶	1	Julie	Sam	9	DEN	LAX
	2	Steve	Ryan	4	JFK	LAX
	4	Cathenna	Emily	5	LAX	JFX
	4	Cathenna	Emily	4	JFK	LAX
	10	Melvin	Tracy	10	HNL	DEN

Result 11

×

Output

Action Output

▼

#	Time	Action	Message
✓ 49	22:07:03	CALL passengers_between_route_range(1,10)	10 row(s) returned

17. Write a query to create a stored procedure that extracts all the details from the routes table where the travelled distance is more than 2000 miles.

```
DELIMITER //
```

```
CREATE PROCEDURE long_distance_route()
```

```
BEGIN
```

```
    IF NOT EXISTS (SELECT * FROM information_schema.tables
```

```
        WHERE table_name = 'routes'
```

```
        AND table_schema = DATABASE()) THEN
```

```
        SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Error: Table routes does not exist.';
```

```
ELSE
```

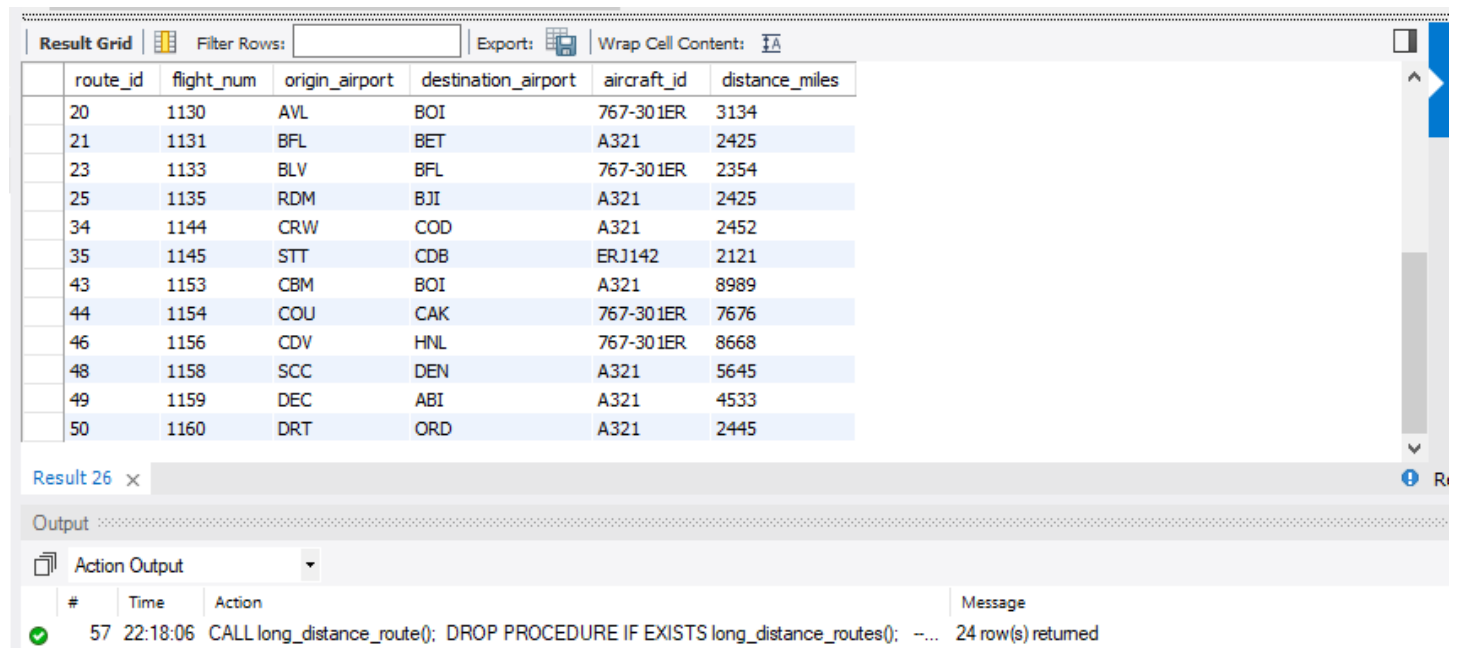
```
    SELECT * FROM routes
```

```
    WHERE distance_miles > 2000;
```

```
END IF;
```

```
END //
```

```
CALL long_distance_route();
```



The screenshot displays a database client interface. At the top, there's a toolbar with options like 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content'. Below this is a table with 7 columns: route_id, flight_num, origin_airport, destination_airport, aircraft_id, and distance_miles. The table contains 16 rows of flight data. Below the table, there's a section for 'Result 26' and an 'Output' pane. The 'Output' pane shows a log of actions, including a successful call to the stored procedure 'long_distance_route()' which returned 24 rows.

route_id	flight_num	origin_airport	destination_airport	aircraft_id	distance_miles
20	1130	AVL	BOI	767-301ER	3134
21	1131	BFL	BET	A321	2425
23	1133	BLV	BFL	767-301ER	2354
25	1135	RDM	BJI	A321	2425
34	1144	CRW	COD	A321	2452
35	1145	STT	CDB	ERJ142	2121
43	1153	CBM	BOI	A321	8989
44	1154	COU	CAK	767-301ER	7676
46	1156	CDV	HNL	767-301ER	8668
48	1158	SCC	DEN	A321	5645
49	1159	DEC	ABI	A321	4533
50	1160	DRT	ORD	A321	2445

#	Time	Action	Message
57	22:18:06	CALL long_distance_route(); DROP PROCEDURE IF EXISTS long_distance_routes(); -...	24 row(s) returned

18. Write a query to create a stored procedure that groups the distance travelled by each flight into three categories. The categories are, short distance travel (SDT) for ≥ 0 AND ≤ 2000 miles, intermediate distance travel (IDT) for >2000 AND ≤ 6500 , and long-distance travel (LDT) for >6500 .

```
DELIMITER //
```

```
CREATE PROCEDURE flight_distance_category()
```

```
BEGIN
```

```
IF NOT EXISTS (SELECT * FROM information_schema.tables
```

```
WHERE table_name = 'routes'
```

```
AND table_schema = DATABASE()) THEN
```

```
SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Error: Table routes does not exist.';
```

```
ELSE
```

```
SELECT
```

```
flight_num,
```

```
CASE
```

```
WHEN distance_miles  $\geq 0$  AND distance_miles  $\leq 2000$  THEN 'Short Distance Travel'
```

```
WHEN distance_miles  $> 2000$  AND distance_miles  $\leq 6500$  THEN 'Intermediate Distance Travel'
```

```
WHEN distance_miles  $> 6500$  THEN 'Long Distance Travel'
```

```
END AS distance_category,
```

```
distance_miles
```

```
FROM routes;
```

```
END IF;
```

```
END //
```

```
DELIMITER ;
```

```
CALL flight_distance_category();
```

Result Grid			
Filter Rows:		Export:	Wrap Cell Content:
flight_num	distance_category	distance_miles	
1111	Intermediate Distance Travel	4962	
1112	Intermediate Distance Travel	4962	
1113	Intermediate Distance Travel	3466	
1114	Intermediate Distance Travel	2475	
1115	Intermediate Distance Travel	2475	
1116	Intermediate Distance Travel	2556	
1117	Short Distance Travel	1745	
1118	Short Distance Travel	719	
1119	Short Distance Travel	862	
1120	Intermediate Distance Travel	3365	
1122	Intermediate Distance Travel	4300	
1123	Intermediate Distance Travel	2232	
1124	Intermediate Distance Travel	2445	

Result 31

Output

Action Output

#	Time	Action	Message
63	22:27:51	CALL flight_distance_category()	49 row(s) returned

19. Write a query to extract ticket purchase date, customer ID, class ID and specify if the complimentary services are provided for the specific class using a stored function in stored procedure on the ticket_details table. Condition: If the class is *Business* and *Economy Plus*, then complimentary services are given as *Yes*, else it is *No*.

```
DELIMITER //
```

```
CREATE FUNCTION complimentary_services(class_id VARCHAR(50))
```

```
RETURNS VARCHAR(3)
```

```
DETERMINISTIC
```

```
BEGIN
```

```
    DECLARE service VARCHAR(3);
```

```
    IF class_id IN ('Business', 'Economy Plus') THEN
```

```
        SET service = 'Yes';
```

```
    ELSE
```

```
        SET service = 'No';
```

```
    END IF;
```

```
    RETURN service;
```

```
END //
```

```
DELIMITER ;
```

```
DELIMITER //
```

```
CREATE PROCEDURE ticket_details_with_services()
```

```
BEGIN
```

```
    IF NOT EXISTS (SELECT * FROM information_schema.tables
```

```
        WHERE table_name = 'ticket_details'
```

```
        AND table_schema = DATABASE()) THEN
```

```
        SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Error: Table ticket_details does not exist.';
```

```
    ELSE
```

```
        SELECT
```

```
            p_date AS ticket_purchase_date,
```

```
            customer_id,
```

```
            class_id,
```

```
            complimentary_services(class_id)
```

```
        FROM ticket_details;
```

```
    END IF;
```

```
END //
```

```
DELIMITER ;
```

Result Grid				
Filter Rows:		Export:		
		Wrap Cell Content:		
	ticket_purchase_date	customer_id	class_id	complimentary_services(class_id)
▶	26-12-2018	27	Economy	No
	02-02-2020	22	Economy Plus	Yes
	03-03-2020	21	Bussiness	No
	04-04-2020	4	First Class	No
	05-05-2020	5	Economy	No
	07-07-2020	7	Bussiness	No
	08-08-2020	8	Economy Plus	Yes
	09-09-2020	9	First Class	No
	10-10-2020	10	Economy	No
	11-11-2020	11	Bussiness	No
	12-12-2020	19	Economy Plus	Yes
	01-01-2019	13	First Class	No
	02-02-2019	14	Economy	No

Result 2 x

Output

Action Output

#	Time	Action	Message
68	22:43:51	CALL ticket_details_with_services()	50 row(s) returned

20. Write a query to extract the first record of the customer whose last name ends with Scott using a cursor from the customer table.

DELIMITER //

CREATE PROCEDURE last_name_scott()

BEGIN

DECLARE cust_id INT;

DECLARE fst_name VARCHAR(128);

DECLARE lst_name VARCHAR(128);

DECLARE done INT DEFAULT 0;

DECLARE find_scott CURSOR FOR

SELECT customer_id, first_name, last_name

FROM customer

WHERE last_name LIKE '%Scott';

DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

OPEN find_scott;


```
read_loop: LOOP
    FETCH find_scott INTO cust_id, fst_name, lst_name;
    IF done = 1 THEN
        LEAVE read_loop;
    END IF;
    SELECT cust_id AS CustomerID,
           fst_name AS FirstName,
           lst_name AS LastName;
END LOOP;
CLOSE find_scott;
END //
DELIMITER ;
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
CustomerID	FirstName	LastName	
38	Alexis	Scott	

Result 7 Result 8 x

Output

📄 Action Output ▾

	#	Time	Action	Message
✓	18	17:09:52	CALL last_name_scott()	1 row(s) returned