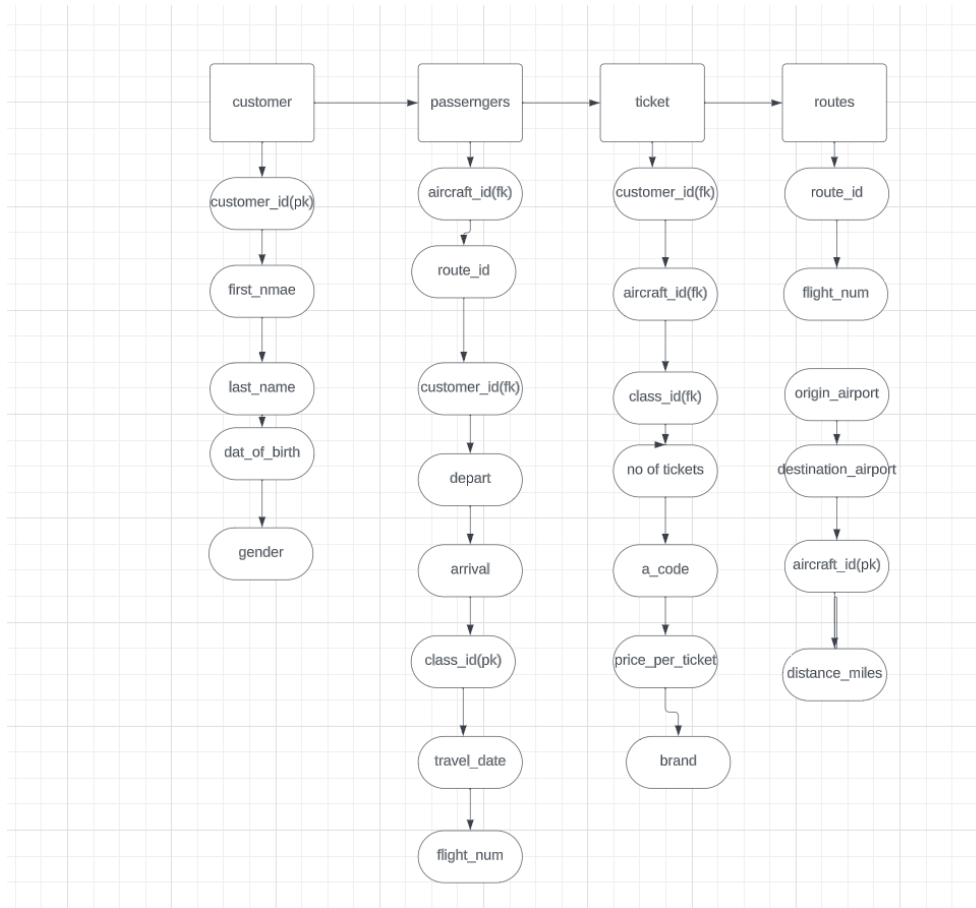


# AIR CARGO ANALYSIS.....



MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

king

Query 1 SQL File 3

```
1 • create database air_cargo;
2 • use air_cargo;
3
4 • create table route_details
5 • (
6 • route_id int primary key,
7 • flight_num int unique,
8 • origin_airport varchar(200),
9 • destination_airport varchar(200),
10 • aircraft_id int,
11 • distance_miles decimal(10,2) check (distance_miles>0)
12 • );
```

Administration Schemas

Information

Table: customer

Columns:

- customer\_id int PK
- f\_name varchar(2)
- m\_name varchar(2)
- l\_name varchar(2)
- sex varchar(1)
- email varchar(2)
- dob date
- city varchar(2)
- wallet\_amount int

Output

#	Time	Action	Message	Duration / Fetch
143	11:38:45	use air_cargo	Error Code: 1049 Unknown database 'aircargo'	0.016 sec
144	11:38:51	use air_cargo	0 row(s) affected	0.016 sec
145	11:44:00	create table route_details (route_id int primary key, flight_num int unique, origin_ainp...	0 row(s) affected	0.171 sec

Object Info Session

30°C Mostly cloudy

Search

ENG IN

11:45 am 13/09/2023

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

king

Query 1 SQL File 3

```
1 • create database air_cargo;
2 • use air_cargo;
3
4 • create table route_details
5 • (
6 • route_id int primary key,
7 • flight_num int unique,
8 • origin_airport varchar(200),
9 • destination_airport varchar(200),
10 • aircraft_id int,
11 • distance_miles decimal(10,2) check (distance_miles>0)
12 • );
```

Administration Schemas

Information

Table: customer

Columns:

- customer\_id int PK
- f\_name varchar(2)
- m\_name varchar(2)
- l\_name varchar(2)
- sex varchar(1)
- email varchar(2)
- dob date
- city varchar(2)
- wallet\_amount int

Output

#	Time	Action	Message	Duration / Fetch
143	11:38:45	use air_cargo	Error Code: 1049 Unknown database 'aircargo'	0.016 sec
144	11:38:51	use air_cargo	0 row(s) affected	0.016 sec
145	11:44:00	create table route_details (route_id int primary key, flight_num int unique, origin_ainp...	0 row(s) affected	0.171 sec

Object Info Session

30°C Mostly cloudy

Search

ENG IN

11:45 am 13/09/2023

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

passengers\_on\_flights

customer

route\_details

routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1

SQL File 3"

Limit to 1000 rows

```

1 • create database air_cargo;
2 • use air_cargo;
3
4 • create table route_details
5 • (
6 •     route_id int primary key,
7 •     flight_num int unique,
8 •     origin_airport varchar(200),
9 •     destination_airport varchar(200),
10 •     aircraft_id int,
11 •     distance_miles decimal(10,2) check (distance_miles>0)
12 • );
13
14

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
180	11:49:01	CREATE TABLE 'air_cargo'.ticket_details ('p_date' text, 'customer_id' int, 'aircraft...	OK	0.000 sec
181	11:49:01	PREPARE stmt FROM INSERT INTO 'air_cargo'.ticket_details ('p_date','custom...	OK	0.000 sec
182	11:49:02	DEALLOCATE PREPARE stmt	OK	0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

passengers\_on\_flights

customer

route\_details

routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

No object selected

Query 1

SQL File 3"

Limit to 1000 rows

```

6 • route_id int primary key,
7 • flight_num int unique,
8 • origin_airport varchar(200),
9 • destination_airport varchar(200),
10 • aircraft_id int,
11 • distance_miles decimal(10,2) check (distance_miles>0)
12 • );
13
14 • select * from passengers_on_flights
15 • where route_id between 01 and 25;
16

```

Result Grid

customer_id	aircraft_id	route_id	depart	arrival	seat_num	class_id	travel_date	flight_num
2	767-301ER	4	JFK	LAX	1	Economy	02-09-2018	1114
5	ERJ142	18	ANI	BGR	2	Economy	06-05-2020	1128
5	ERJ142	22	BGR	BJI	3	Economy	31-05-2020	1132
10	A321	10	HNL	DEN	5	Economy	11-10-2020	1120
31	767-301ER	767-301ER	AVL	BOI	13	Economy	31-12-2018	1130
46	A321	25	RDM	BJI	14	Economy	25-11-2020	1135

passengers\_on\_flights 4

Output

Action Output

#	Time	Action	Message	Duration / Fetch
197	11:59:45	create table route_details (route_id int primary key, flight_num int unique, origin_airp...	Error Code: 1050. Table 'route_details' already exists	0.000 sec
198	12:00:09	DROP TABLE 'air_cargo'.route_details	0 row(s) affected	0.047 sec
199	12:00:13	select * from passengers_on_flights where route_id between 01 and 25 LIMIT 0, 1...	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

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Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

passengers\_on\_flights

customer

routes

ticket\_details

Views

Stored Procedures

Functions

king

Query 1

SQL File 3"

Limit to 1000 rows

```

6 route_id int primary key,
7 flight_num int unique,
8 origin_airport varchar(200),
9 destination_airport varchar(200),
10 aircraft_id int,
11 distance_miles decimal(10,2) check (distance_miles>0)
12 );
13
14 • select * from passengers_on_flights
15 where route_id between 01 and 25;
16

```

Result Grid

	customer_id	aircraft_id	route_id	depart	arrival	seat_num	class_id	travel_date	flight_num
▶	2	767-301ER	4	JFK	LAX	1	Economy	02-09-2018	1114
	5	ERJ142	18	ANI	BGR	2	Economy	06-05-2020	1128
	5	ERJ142	22	BGR	BJI	3	Economy	31-05-2020	1132
	10	A321	10	HNL	DEN	5	Economy	11-10-2020	1120
	31	767-301ER	767-301ER	AVL	BOI	13	Economy	31-12-2018	1130
	46	A321	25	RDM	BJI	14	Economy	25-11-2020	1135

passengers\_on\_flights 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
197	11:59:45	create table route_details (route_id int primary key, flight_num int unique, origin_airp...	Error Code: 1050. Table 'route_details' already exists	0.000 sec
198	12:00:09	DROP TABLE 'air_cargo'.'route_details'	0 row(s) affected	0.047 sec
199	12:00:13	select * from passengers_on_flights where route_id between 01 and 25 LIMIT 0, 1...	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

passengers\_on\_flights

customer

routes

ticket\_details

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Functions

king

Query 1

SQL File 3"

Limit to 1000 rows

```

9 destination_airport varchar(200),
10 aircraft_id int,
11 distance_miles decimal(10,2) check (distance_miles>0)
12 );
13
14 • select count(customer_id) as no_of_passengers,
15 sum(price_per_ticket * no_of_tickets) as total_revenue
16 from ticket_details
17 where
18 class_id = 'business';
19

```

Result Grid

	no_of_passengers	total_revenue
▶	13	6034

Result 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
206	12:11:55	select count(customer_id) as no_of_passengers, sumprice_per_ticket * no_of_tick...	Error Code: 1054. Unknown column 'business' in 'where clause'	0.000 sec
207	12:12:05	select * from ticket_details LIMIT 0, 1000	50 row(s) returned	0.000 sec / 0.000 sec
208	12:12:18	select count(customer_id) as no_of_passengers, sumprice_per_ticket * no_of_tick...	1 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

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Navigator

SCHEMAS

Filter objects

air\_cargo

customer

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king

Query 1 SQL File 3'

Limit to 1000 rows

```

13
14 • select count(customer_id) as no_of_passengers,
15      sum(price_per_ticket * no_of_tickets) as total_revenue
16      from ticket_details
17      where
18          class_id = 'bussiness';
19
20 • select concat(first_name, ' ', last_name) as full_name
21      from customer;
22
23

```

Result Grid

Filter Rows:

Exports

Wrap Cell Content: 15

Schema: air\_cargo

full\_name

Julie Sam

Steve Ryan

Morris Lois

Cathenna Emily

Aaron Kim

Alexander Scott

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
230	13:27:36	PREPARE stmt FROM INSERT INTO 'air_cargo'.customer ('customer_id', first_n...	OK	0.000 sec
231	13:27:36	DEALLOCATE PREPARE stmt	OK	0.000 sec
232	13:27:44	select concat(first_name, ' ', last_name) as full_name from customer LIMIT 0, 1000	50 row(s) returned	0.016 sec / 0.000 sec

Object Info

Session

31°C Cloudy

Search

ENG IN

1:28 pm 13/09/2023

MySQL Workbench

Local instance MySQL81 - W...

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Filter objects

air\_cargo

customer

passengers\_on\_flights

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ticket\_details

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Stored Procedures

Functions

king

Query 1 SQL File 3'

Limit to 1000 rows

```

18      class_id = 'bussiness';
19
20 • select concat(first_name, ' ', last_name) as full_name
21      from customer;
22
23 • select * from ticket_details;
24
25 • select distinct c.customer_id, c.first_name, c.last_name
26      from customer c
27      inner join ticket_details t
28      on c.customer_id = t.customer_id;
29

```

Result Grid

Filter Rows:

Exports

Wrap Cell Content: 15

Schema: air\_cargo

customer\_id first\_name last\_name

27 Cherly Vernon

22 Phery Eri

21 Christy Josh

4 Cathenna Emily

5 Aaron Kim

7 Anderson Stewart

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	09:34:42	select c.customer_id, c.first_name, c.last_name from customer c inner join ticket_de...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corr...	0.000 sec
6	09:34:49	select c.customer_id, c.first_name, c.last_name from customer c inner join ticket_de...	50 row(s) returned	0.156 sec / 0.000 sec
7	09:35:20	select distinct c.customer_id, c.first_name, c.last_name from customer c inner join ti...	33 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

29°C Mostly cloudy

Search

ENG IN

9:35 am 15/09/2023

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

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ticket\_details

Views

Stored Procedures

Functions

king

Query 1

SQL File 3"

Limit to 1000 rows

```

26 from customer c
27 inner join ticket_details t
28 on c.customer_id = t.customer_id;
29
30 select c.first_name, c.last_name
31 from customer c
32 join ticket_details t
33 on c.customer_id = t.customer_id
34 where t.brand = 'emirates';
35 select * from customer;
36

```

Result Grid

first_name	last_name
Moss	Morris
Moss	Morris
Cherly	Vernon
James	Robert
Billy	Brian
Russell	Peter

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
20	09:51:02	select t.customer_id, t.first_name, t.last_name, t.brand from ticket_details t left join c...	Error Code: 1054. Unknown column 't.customer_id' in field list	0.000 sec
21	09:51:29	select t.customer_id, t.first_name, t.last_name, t.brand from ticket_details t left join c...	Error Code: 1054. Unknown column 't.customer_id' in field list	0.000 sec
22	09:54:21	select c.first_name, c.last_name from customer c join ticket_details t on c.customer...	18 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

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SCHEMAS

Filter objects

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passengers\_on\_flights

routes

ticket\_details

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Functions

king

Query 1

SQL File 3"

Limit to 1000 rows

```

33 on c.customer_id = t.customer_id
34 where t.brand = 'emirates';
35 select * from customer;
36
37 select c.first_name, c.last_name
38 from customer c
39 join ticket_details t
40 on t.customer_id = c.customer_id
41 where t.class_id = 'economy plus';
42
43

```

Result Grid

first_name	last_name
Julie	Sam
Floyd	Ted
Roger	Walson
Catherine	Shad
Joyce	Paul
Joyce	Paul

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
34	10:12:24	select customer_id from passengers_on_flights where t.class_id = 'economy plus' gr...	Error Code: 1054. Unknown column 't.class_id' in 'where clause'	0.000 sec
35	10:13:18	select customer_id from passengers_on_flights where class_id = 'economy plus' gro...	0 row(s) returned	0.000 sec / 0.000 sec
36	10:14:16	select c.first_name, c.last_name from customer c join ticket_details t on t.customer...	10 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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customer

passengers\_on\_flights

routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3

```

28 on c.customer_id = t.customer_id;
29
30 • select c.first_name, c.last_name
31 from customer c
32 join ticket_details t
33 on c.customer_id = t.customer_id
34 where t.brand = 'emirates';
35 • select * from customer;
36
37 • select c.first_name, c.last_name
38 from customer c
39 join ticket_details t
40 on t.customer_id = c.customer_id
41 where t.class_id = 'economy plus';
42
43 • create user 'mohith'@'localhost' identified by 'mohith@123';
44
45 • grant select,insert,update,delete on air_cargo.* to 'mohith'@'localhost';
46
47

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
36	10:14:16	select c.first_name, c.last_name from customer c join ticket_details t on t.customer_id = c.customer_id where t.brand = 'emirates';	10 row(s) returned	0.016 sec / 0.000 sec
37	10:42:27	create user 'mohith'@'localhost' identified by 'mohith@123';	0 row(s) affected	0.140 sec
38	10:43:44	grant select,insert,update,delete on air_cargo.* to 'mohith'@'localhost';	0 row(s) affected	0.015 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

customer

passengers\_on\_flights

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ticket\_details

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Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3

```

43 • create user 'mohith'@'localhost' identified by 'mohith@123';
44
45 • grant select,insert,update,delete on air_cargo.* to 'mohith'@'localhost';
46
47 • SELECT
48 IF(SUM(price_per_ticket) > 10000, 'Yes', 'No') AS total_crossed_10000
49 FROM
50 ticket_details;
51
52
53

```

Result Grid

total_crossed_10000
Yes

Result 25

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	10:51:46	SELECT IF(SUM(price_per_ticket) > 10000, 'Yes', 'No') AS total_crossed_10000	1 row(s) returned	0.000 sec / 0.000 sec
46	10:52:17	SELECT IF(SUM(price_per_ticket) > 2000000, 'Yes', 'No') AS total_crossed_10000	1 row(s) returned	0.000 sec / 0.000 sec
47	10:52:24	SELECT IF(SUM(price_per_ticket) > 10000, 'Yes', 'No') AS total_crossed_10000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

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routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

50 ticket_details;
51
52
53 select * from ticket_details;
54
55 SELECT
56   class_id,
57   MAX(price_per_ticket) OVER (PARTITION BY class) AS max_ticket_price
58 FROM
59   ticket_details;
60
61

```

Result Grid

p_date	customer_id	aircraft_id	class_id	no_of_tickets	a_code	Price_per_ticket	brand
26-12-2018	27	767-301ER	Economy	1	DAL	130	Emirates
02-02-2020	22	EP 1142	Economy Plus	1	AGB	220	Jet Airways
03-03-2020	21	J800	Business	1	BOH	490	British Airways
04-04-2020	4	767-301ER	First Class	1	AGB	390	Emirates
05-05-2020	5	ERJ142	Economy	1	CTM	120	Jet Airways
07-07-2020	7	767-301ER	Business	1	BFS	430	Emirates

ticket\_details 31 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
57	10:55:34	SELECT IF(SUM(price_per_ticket) > 10000, 'Yes', 'No') AS total_crossed_10000 ...	1 row(s) returned	0.000 sec / 0.000 sec
58	10:55:39	select * from ticket_details LIMIT 0, 1000	50 row(s) returned	0.000 sec / 0.016 sec
59	10:55:50	select * from ticket_details LIMIT 0, 1000	50 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

32°C Partly sunny

Search

ENG IN

10:56 am 15/09/2023

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

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routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

54 SELECT
55   class_id,
56   MAX(price_per_ticket) OVER (PARTITION BY class) AS max_ticket_price
57 FROM
58   ticket_details;
59
60 CREATE INDEX idx_route_id ON passengers_on_flights (route_id);
61
62 SELECT *
63 FROM passengers_on_flights
64 WHERE route_id = 4;
65

```

Result Grid

customer_id	aircraft_id	route_id	depart	arrival	seat_num	class_id	travel_date	flight_num
2	767-301ER	4	JFK	LAX	1	Economy	02-09-2018	1114

passengers\_on\_flights 32 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
59	10:55:50	select * from ticket_details LIMIT 0, 1000	50 row(s) returned	0.000 sec / 0.000 sec
60	10:56:50	CREATE INDEX idx_route_id ON passengers_on_flights (route_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.125 sec
61	10:57:05	SELECT * FROM passengers_on_flights WHERE route_id = 4 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

32°C Partly sunny

Search

ENG IN

10:57 am 15/09/2023



MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

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ticket\_details

Views

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Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

61 • SELECT *
62 FROM passengers_on_flights
63 WHERE route_id = 4;
64
65 • EXPLAIN SELECT *
66 FROM passengers_on_flights
67 WHERE route_id = 4;
68
69
70
71
72

```

Result Grid

id	select_type	table	partitions	type	possible_keys	key	key_len	ref	rows	filtered	Extra
1	SIMPLE	passengers_on_flights		ref	idx_route_id	idx_route_id	5	const	1	100.00	INDEX

Result 33 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
60	10:56:50	CREATE INDEX idx_route_id ON passengers_on_flights (route_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.125 sec
61	10:57:05	SELECT * FROM passengers_on_flights WHERE route_id = 4 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
62	10:58:02	EXPLAIN SELECT * FROM passengers_on_flights WHERE route_id = 4	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

32°C Partly sunny

Search

ENG IN

10:58 am 15/09/2023

MySQL Workbench

Local instance MySQL81 - W...

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Navigator

SCHEMAS

Filter objects

air\_cargo

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routes

ticket\_details

Views

Stored Procedures

Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

69 • SELECT
70 customer_id,
71 aircraft_id,
72 SUM(price_per_ticket) AS total_price
73 FROM
74 ticket_details
75 GROUP BY
76 customer_id,
77 aircraft_id
78 WITH ROLLUP;
79
80

```

Result Grid

customer_id	aircraft_id	total_price
1	CRJ900	320
1	ERJ142	250
1	767-300ER	570
2	767-300ER	130
2	A321	505
2	A321	635

Result 34 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
63	10:58:44	SELECT customer_id, aircraft_id, SUM(price_per_ticket) AS total_price FR...	Error Code: 1064. You have an error in your SQL syntax; check the manual that cor...	0.015 sec
64	10:58:58	SELECT customer_id, aircraft_id, SUM(price_per_ticket) AS total_price FR...	Error Code: 1064. You have an error in your SQL syntax; check the manual that cor...	0.000 sec
65	11:00:06	SELECT customer_id, aircraft_id, SUM(price_per_ticket) AS total_price FR...	75 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

32°C Partly sunny

Search

ENG IN

11:00 am 15/09/2023

MySQL Workbench

Local instance MySQL81 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

air\_cargo

Tables

customer

passengers\_on\_flights

routes

ticket\_details

Views

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Functions

king

Administration Schemas

Information

Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

77 aircraft_id
78 WITH ROLLUP;
79
80 CREATE VIEW business_class_customers AS
81 SELECT
82     p.customer_id,
83     p.customer_name,
84     f.brand
85 FROM
86     customer t
87 JOIN
88     ticket_details f ON p.class_id = f.aircraft_id
89 WHERE
90     p.class = 'Business';
91
92
93 select * from ticket_details;

```

Result Grid

customer_id	aircraft_id	total_price
1	ORJ900	320
1	ERJ142	250
1	767-300ER	570
2	767-300ER	130
2	A321	505

Result 38 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
77	11:08:16	select * from ticket_details LIMIT 0, 1000	50 row(s) returned	0.000 sec / 0.000 sec
78	11:09:34	CREATE VIEW business_class_customers AS SELECT p.customer_id, p.cust...	Error Code: 1054. Unknown column 'p.customer_id' in field list	0.000 sec
79	11:10:02	SELECT customer_id, aircraft_id, SUM(price_per_ticket) AS total_price FR...	75 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

32°C Partly sunny

Search

ENG IN

11:10 am 15/09/2023

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Query 1 SQL File 3'

Limit to 1000 rows

```

43 create user 'mohith'@'localhost' identified by 'mohith@123';
44
45 grant select,insert,update,delete on air_cargo.*to 'mohith'@'localhost';
46
47 SELECT
48     IF(SUM(price_per_ticket) > 10000, 'Yes', 'No') AS total_crossed_10000
49 FROM
50     ticket_details;
51
52
53 DELIMITER //
54
55 CREATE PROCEDURE GetRoutesByDistance()
56 BEGIN
57     SELECT *
58     FROM routes
59     WHERE distance > 2000;
60 END //
61
62 DELIMITER ;
63

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
79	11:10:02	SELECT customer_id, aircraft_id, SUM(price_per_ticket) AS total_price FR...	75 row(s) returned	0.016 sec / 0.000 sec
80	11:15:39	CREATE PROCEDURE GetPassengersByRouteRange( IN route_start INT, IN...	Error Code: 1064. You have an error in your SQL syntax; check the manual that cor...	0.016 sec
81	12:47:28	CREATE PROCEDURE GetRoutesByDistance() BEGIN SELECT * FROM rout...	0 row(s) affected	0.047 sec

Object Info Session

33°C Mostly cloudy

Search

ENG IN

12:47 pm 15/09/2023

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Query 1 SQL File 3

Limit to 1000 rows

```

62 DELIMITER ;
63
64
65
66 DELIMITER //
67
68 CREATE PROCEDURE GroupDistanceCategories()
69 BEGIN
70     SELECT
71         flight_id,
72         CASE
73             WHEN distance >= 0 AND distance <= 2000 THEN 'Short Distance Travel (SDT)'
74             WHEN distance > 2000 AND distance <= 6500 THEN 'Intermediate Distance Travel (IDT)'
75             WHEN distance > 6500 THEN 'Long-Distance Travel (LDT)'
76         END AS distance_category
77     FROM
78         flights;
79 END //
80
81 DELIMITER ;
82

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
80	11:15:39	CREATE PROCEDURE GetPassengersByRouteRange( IN route_start INT, IN...	Error Code: 1064. You have an error in your SQL syntax; check the manual that cor...	0.016 sec
81	12:47:28	CREATE PROCEDURE GetRoutesByDistance() BEGIN SELECT * FROM rout...	0 row(s) affected	0.047 sec
82	12:48:12	CREATE PROCEDURE GroupDistanceCategories() BEGIN SELECT flight_...	0 row(s) affected	0.016 sec

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Schema: air\_cargo

Query 1 SQL File 3

Limit to 1000 rows

```

83
84 DELIMITER //
85
86 CREATE FUNCTION IsComplimentaryServiceAvailable(class_id INT)
87 RETURNS BOOLEAN
88 BEGIN
89     DECLARE is_complimentary BOOLEAN;
90
91     -- Logic to determine if complimentary services are available for the given class_id
92     -- You can implement your logic here, e.g., checking a configuration table
93
94     -- For demonstration purposes, assuming complimentary services are available for class_id 1
95     IF class_id = 1 THEN
96         SET is_complimentary = TRUE;
97     ELSE
98         SET is_complimentary = FALSE;
99     END IF;
100
101     RETURN is_complimentary;
102 END //
103

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
80	11:15:39	CREATE PROCEDURE GetPassengersByRouteRange( IN route_start INT, IN...	Error Code: 1064. You have an error in your SQL syntax; check the manual that cor...	0.016 sec
81	12:47:28	CREATE PROCEDURE GetRoutesByDistance() BEGIN SELECT * FROM rout...	0 row(s) affected	0.047 sec
82	12:48:12	CREATE PROCEDURE GroupDistanceCategories() BEGIN SELECT flight_...	0 row(s) affected	0.016 sec
83	12:48:59	CRFATE FUNCTION IsComplimentaryServiceAvailable(class_id INT) RETURNS R...	Error Code: 1418. This function has none of DETERMINISTIC, NO SQL, or READS...	0.015 sec

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Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

107
108
109
110 DELIMITER //
111
112 CREATE PROCEDURE FindCustomerWithLastName()
113 BEGIN
114     DECLARE done INT DEFAULT 0;
115     DECLARE customer_id INT;
116     DECLARE last_name VARCHAR(255);
117
118     -- Declare a cursor to select customer records
119     DECLARE cur CURSOR FOR
120         SELECT customer_id, last_name
121         FROM customer;
122
123     -- Declare continue handler to exit loop
124     DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;
125
126     OPEN cur;
127

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
86	12:51:21	CREATE FUNCTION IsComplimentaryServiceAvailable(class_id INT) RETURNS B...	Error Code: 1418. This function has none of DETERMINISTIC, NO SQL, or READS...	0.000 sec
87	12:52:54	CREATE FUNCTION IsComplimentaryServiceAvailable(class_id INT) RETURNS B...	Error Code: 1418. This function has none of DETERMINISTIC, NO SQL, or READS...	0.000 sec
88	12:52:59	CREATE PROCEDURE FindCustomerWithLastName() BEGIN DECLARE done I...	0 row(s) affected	0.015 sec

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Schema: air\_cargo

Query 1 SQL File 3'

Limit to 1000 rows

```

128 read_loop: LOOP
129     FETCH cur INTO customer_id, last_name;
130
131     IF done THEN
132         LEAVE read_loop;
133     END IF;
134
135     -- Check if the last name ends with 'Scott'
136     IF last_name LIKE '%Scott' THEN
137         -- Output the first matching customer record and exit
138         SELECT customer_id, last_name;
139         CLOSE cur;
140         LEAVE read_loop;
141     END IF;
142 END LOOP;
143
144 CLOSE cur;
145 END //
146
147 DELIMITER ;
148

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
86	12:51:21	CREATE FUNCTION IsComplimentaryServiceAvailable(class_id INT) RETURNS B...	Error Code: 1418. This function has none of DETERMINISTIC, NO SQL, or READS...	0.000 sec
87	12:52:54	CREATE FUNCTION IsComplimentaryServiceAvailable(class_id INT) RETURNS B...	Error Code: 1418. This function has none of DETERMINISTIC, NO SQL, or READS...	0.000 sec
88	12:52:59	CREATE PROCEDURE FindCustomerWithLastName() BEGIN DECLARE done I...	0 row(s) affected	0.015 sec

Object Info Session