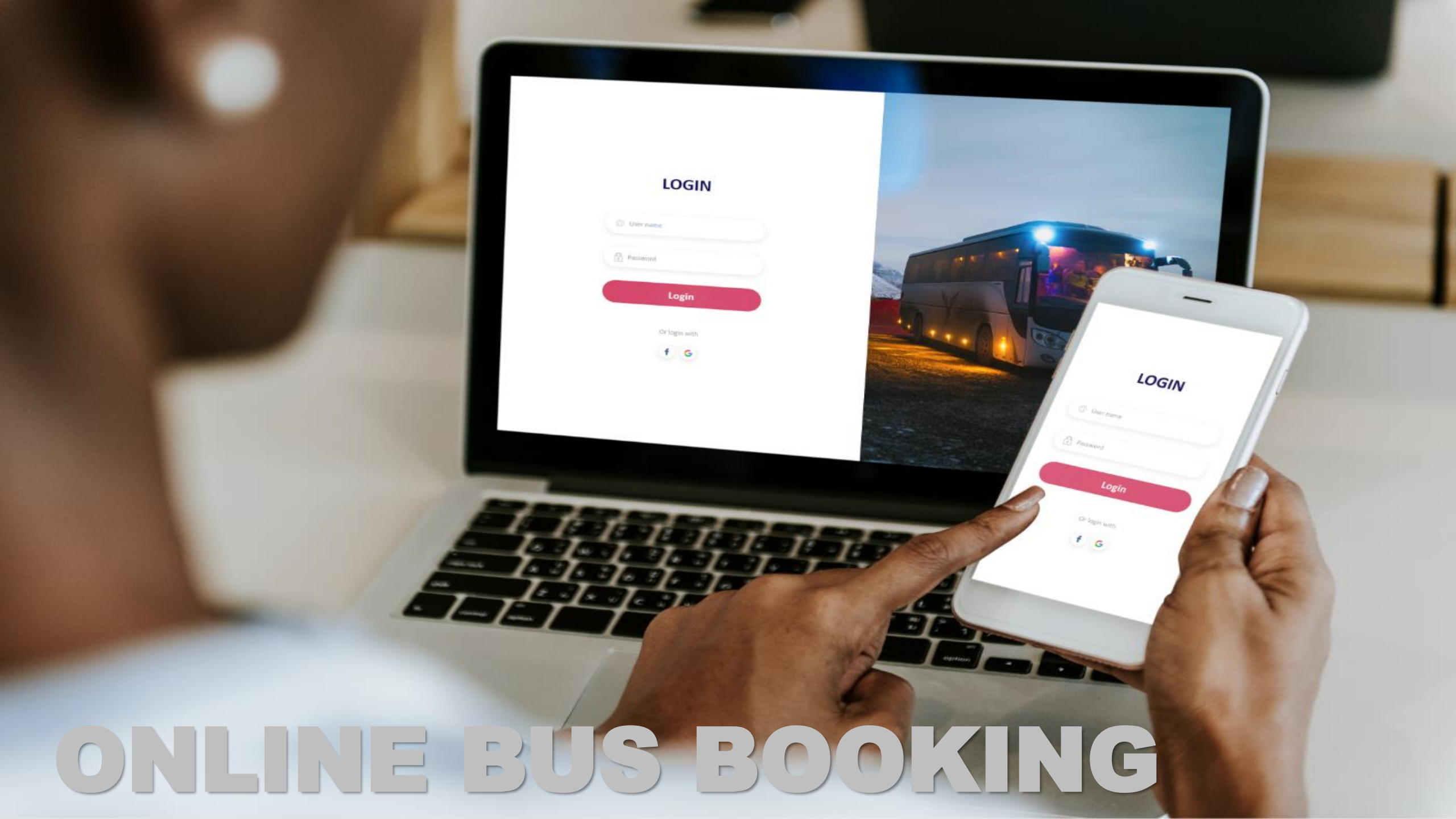
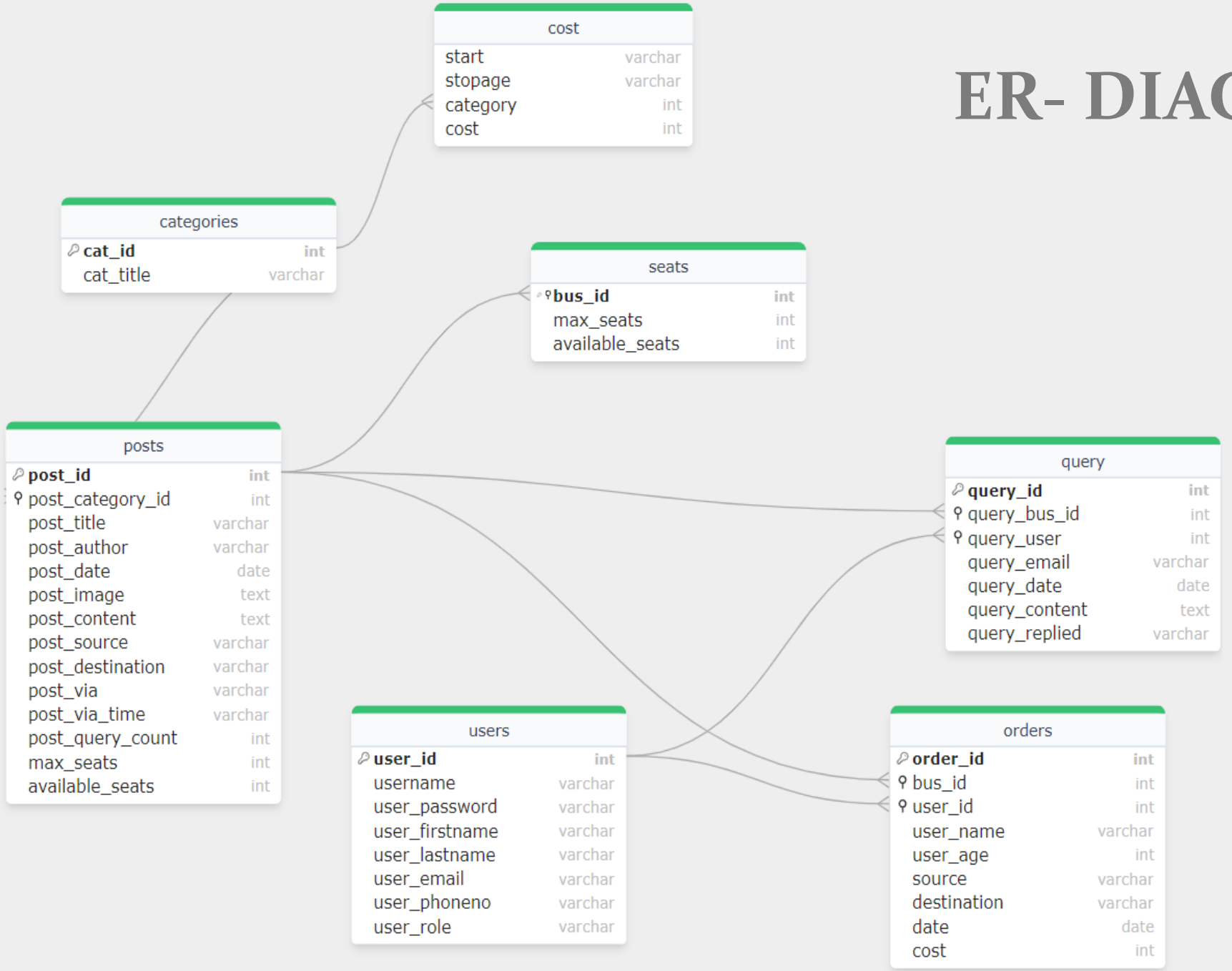


ONLINE BUS BOOKING

Idea Usher
USHERING IN INNOVATION

ER- DIAGRAM


cost
start varchar
stopage varchar
category int
cost int
categories
cat_id int
cat_title varchar
seats
bus_id int
max_seats int
available_seats int
posts
post_id int
post_category_id int
post_title varchar
post_author varchar
post_date date
post_image text
post_content text
post_source varchar
post_destination varchar
post_via varchar
post_via_time varchar
post_query_count int
max_seats int
available_seats int
query
query_id int
query_bus_id int
query_user int
query_email varchar
query_date date
query_content text
query_replied varchar
users
user_id int
username varchar
user_password varchar
user_firstname varchar
user_lastname varchar
user_email varchar
user_phoneno varchar
user_role varchar
orders
order_id int
bus_id int
user_id int
user_name varchar
user_age int
source varchar
destination varchar
date date
cost int

CONTENTS OF CATEGORIES TABLE

SYNTAX:

```
CREATE TABLE categories (
cat_id int NOT NULL,  cat_title
varchar(255) NOT NULL,
PRIMARY KEY (cat_id));
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
cat_id	int	NO	PRI	NULL	
cat_title	varchar(255)	NO		NULL	

CONTENTS OF COST TABLE

SYNTAX:

```
CREATE TABLE cost (  start varchar(255) NOT NULL,  stopage varchar(255) NOT NULL,  category int NOT NULL,  cost int NOT NULL,  FOREIGN KEY (category) REFERENCES categories(cat_id));
```

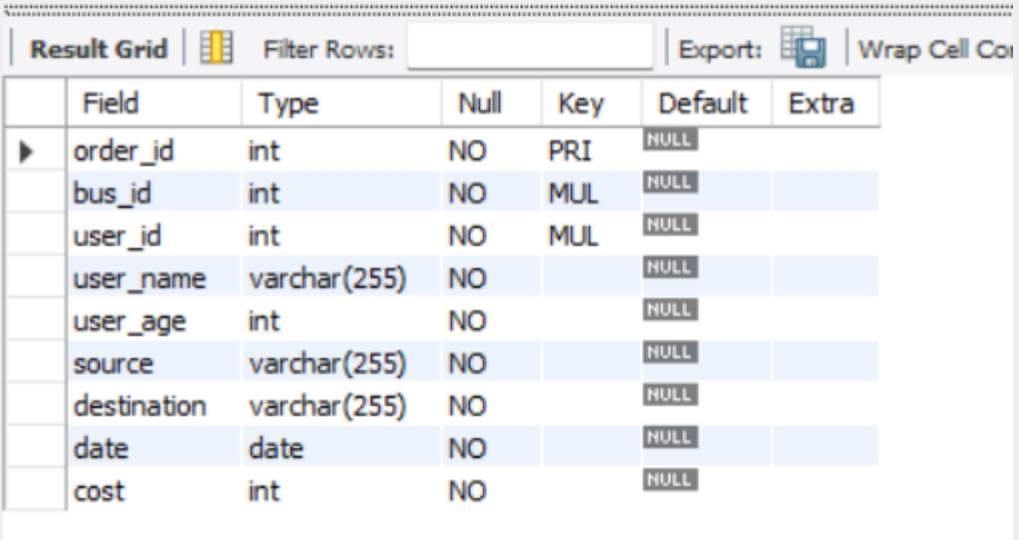
Result Grid | Filter Rows: | Export: | Wrap Cel

Field	Type	Null	Key	Default	Extra
start	varchar(255)	NO		NULL	
stopage	varchar(255)	NO		NULL	
category	int	NO	MUL	NULL	
cost	int	NO		NULL	

CONTENTS OF ORDERS TABLE

SYNTAX:

```
CREATE TABLE orders ( order_id int NOT NULL, bus_id int NOT NULL, user_id int NOT NULL, user_name varchar (255) NOT NULL, user_age int NOT NULL, source varchar(255) NOT NULL, destination varchar(255) NOT NULL, date date NOT NULL, cost int NOT NULL, PRIMARY KEY (order_id), FOREIGN KEY (bus_id) REFERENCES posts(post_id), FOREIGN KEY (user_id) REFERENCES users(user_id));
```



Result Grid | Filter Rows: | Export: | Wrap Cell Co

Field	Type	Null	Key	Default	Extra
order_id	int	NO	PRI	NULL	
bus_id	int	NO	MUL	NULL	
user_id	int	NO	MUL	NULL	
user_name	varchar(255)	NO		NULL	
user_age	int	NO		NULL	
source	varchar(255)	NO		NULL	
destination	varchar(255)	NO		NULL	
date	date	NO		NULL	
cost	int	NO		NULL	

CONTENTS OF POSTS TABLE

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
post_id	int	NO	PRI	NULL	
post_category_id	int	NO	MUL	NULL	
post_title	varchar(255)	NO		NULL	
post_author	varchar(255)	NO		NULL	
post_date	date	NO		NULL	
post_image	text	NO		NULL	
post_content	text	NO		NULL	
post_source	varchar(255)	NO		NULL	
post_destination	varchar(255)	NO		NULL	
post_via	varchar(255)	NO		NULL	
post_via_time	varchar(255)	NO		NULL	
post_query_count	int	NO		NULL	
max_seats	int	NO		NULL	
available_seats	int	NO		NULL	

SYNTAX:

```
CREATE TABLE posts ( post_id int NOT NULL, post_category_id int NOT NULL, post_title varchar(255) NOT NULL, post_author varchar(255) NOT NULL, post_date date NOT NULL, post_content text NOT NULL, post_source varchar(255) NOT NULL, post_destination varchar(255) NOT NULL, post_via varchar(255) NOT NULL, post_via_time varchar(255) NOT NULL, post_query_count int NOT NULL, max_seats int NOT NULL, available_seats int NOT NULL, PRIMARY KEY (post_id), FOREIGN KEY (post_category_id) REFERENCES categories(cat_id));
```

CONTENTS OF QUERY TABLE

SYNTAX:

```
CREATE TABLE query (  query_id int NOT NULL,
query_bus_id int NOT NULL,  query_user int
NOT NULL,  query_email varchar(255) NOT
NULL,  query_date date NOT NULL,
query_content text NOT NULL,  query_replied
varchar(255) NOT NULL,  PRIMARY KEY
(query_id),  FOREIGN KEY (query_bus_id)
REFERENCES posts(post_id),  FOREIGN KEY
(query_user) REFERENCES users(user_id)
```

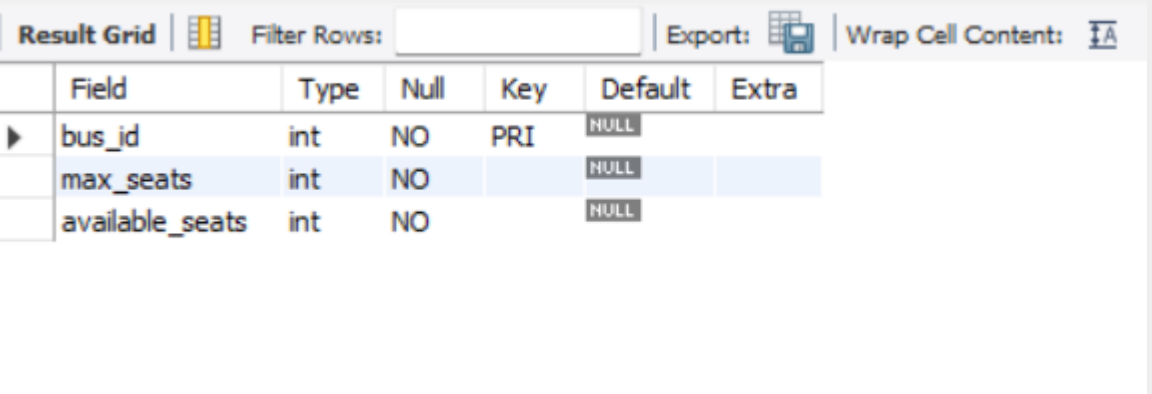
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
query_id	int	NO	PRI	NULL	
query_bus_id	int	NO	MUL	NULL	
query_user	int	NO	MUL	NULL	
query_email	varchar(255)	NO		NULL	
query_date	date	NO		NULL	
query_content	text	NO		NULL	
query_replied	varchar(255)	NO		NULL	

CONTENTS OF SETAS TABLE

SYNTAX:

```
CREATE TABLE seats (  bus_id int NOT NULL,  max_seats int NOT NULL,
available_seats int NOT NULL,
PRIMARY KEY (bus_id),  FOREIGN KEY (bus_id) REFERENCES posts(post_id));
```



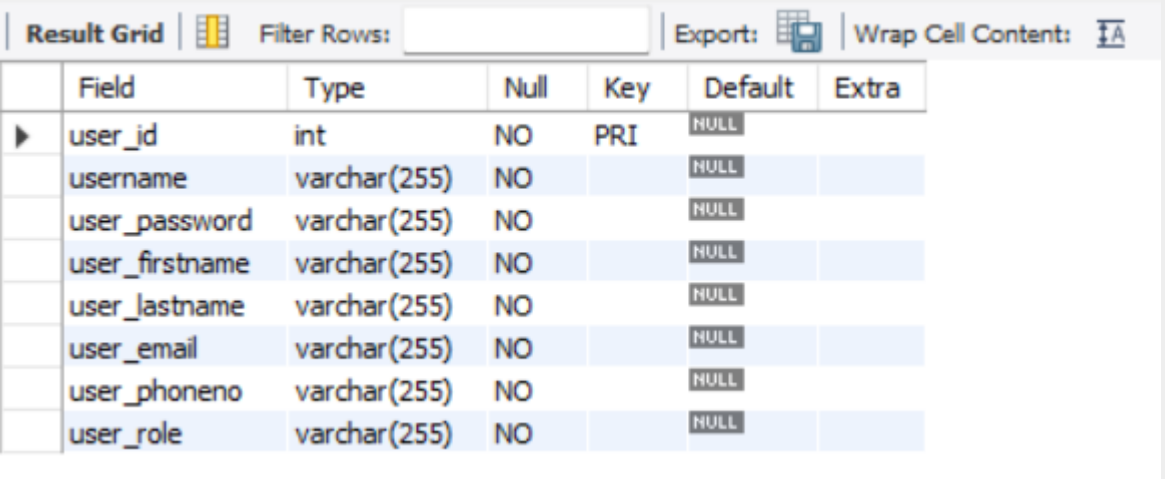
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
bus_id	int	NO	PRI	NULL	
max_seats	int	NO		NULL	
available_seats	int	NO		NULL	

CONTENTS OF USERS TABLE

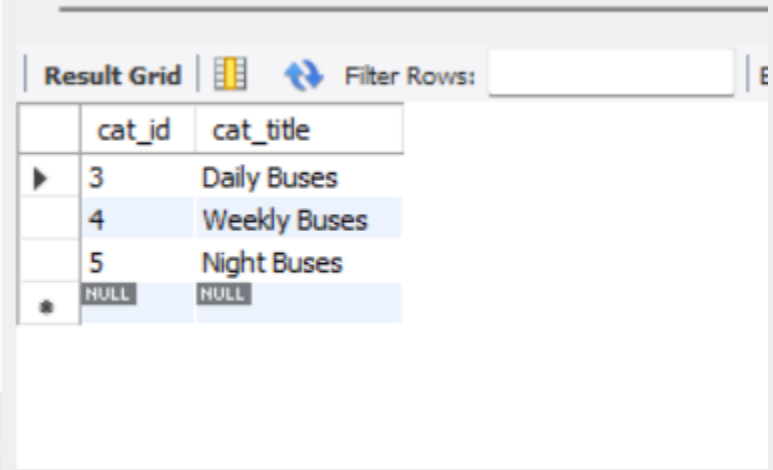
SYNTAX:

```
CREATE TABLE users (  user_id int NOT NULL,
username varchar(255) NOT NULL,
user_password varchar(255) NOT NULL,
user_firstname varchar(255) NOT NULL,
user_lastname varchar(255) NOT NULL,
user_email varchar(255) NOT NULL,
user_phoneno varchar(255) NOT NULL,
user_role varchar(255) NOT NULL,  PRIMARY
KEY (user_id));
```



Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI	NULL	
username	varchar(255)	NO		NULL	
user_password	varchar(255)	NO		NULL	
user_firstname	varchar(255)	NO		NULL	
user_lastname	varchar(255)	NO		NULL	
user_email	varchar(255)	NO		NULL	
user_phoneno	varchar(255)	NO		NULL	
user_role	varchar(255)	NO		NULL	

CONTENTS OF CATEGORIES TABLE



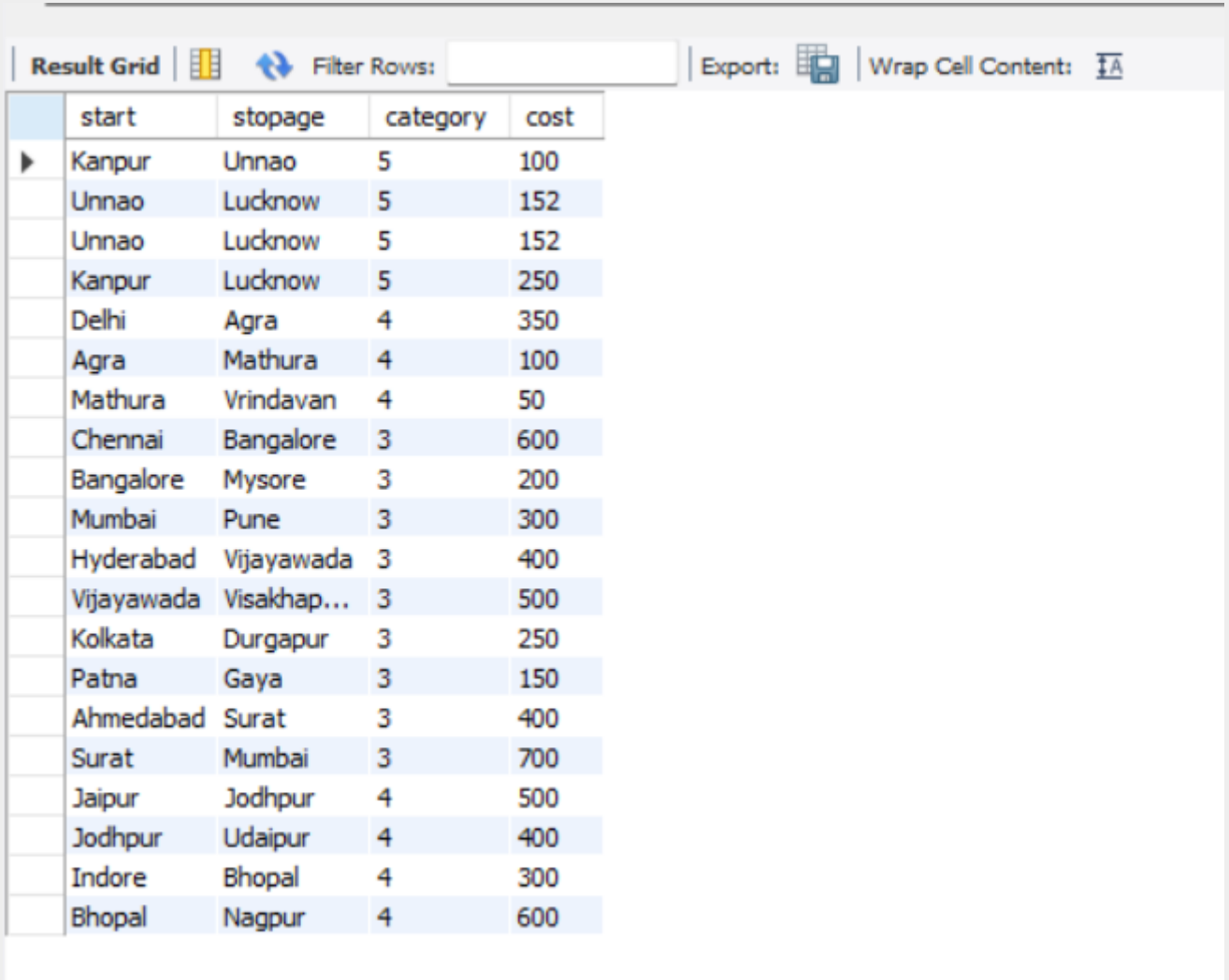
cat_id	cat_title
3	Daily Buses
4	Weekly Buses
5	Night Buses
NULL	NULL

CONTENTS OF COST TABLE

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

order_id	bus_id	user_id	user_name	user_age	source	destination	date	cost
5	2	2	dheeraj	20	kanpur	lucknow	2018-03-29	100
6	2	2	manish	52	kanpur	lucknow	2018-03-29	345
7	2	2	Pratyush	10	kanpur	Lucknow	2018-04-14	100
10	2	2	Pratyush	10	Kanpur	Lucknow	2018-04-14	100
11	4	3	Vikas	52	Chennai	Chittor	2018-04-17	200
14	4	3	Hemant	45	Chennai	Chittor	2018-04-17	200
15	6	2	Ankit	45	Agra	Mathura	2018-04-17	300
16	6	2	Pratyush	12	Agra	Mathura	2018-04-17	100
17	3	2	Prateek	20	Delhi	Surat	2018-04-17	100
21	7	3	Prateek	20	Tundla	Allahabad	2018-04-17	400
22	1	4	Rahul	25	Mumbai	Pune	2018-05-01	300
23	2	5	Sita	30	Delhi	Jaipur	2018-05-05	450
24	3	6	Ram	35	Bangalore	Mysore	2018-05-10	250
25	4	7	Geeta	28	Hydera...	Vijayawada	2018-05-15	400
26	5	8	Mohit	23	Chennai	Coimbatore	2018-05-20	350
27	6	9	Alok	27	Kolkata	Durgapur	2018-05-25	300
28	7	10	Priya	32	Patna	Gaya	2018-05-30	200
29	1	11	Anjali	29	Lucknow	Kanpur	2018-06-01	150
30	2	12	Raj	26	Surat	Ahmedabad	2018-06-05	500
31	3	13	Meena	34	Ranchi	Jamshedpur	2018-06-10	350
32	4	14	Neha	22	Bhopal	Indore	2018-06-15	300
33	5	15	Karan	31	Amritsar	Ludhiana	2018-06-20	250
34	6	16	Pooja	28	Nagpur	Pune	2018-06-25	450
35	7	17	Vikram	30	Shimla	Chandigarh	2018-06-30	400

CONTENTS OF CATEGORIES TABLE



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

start	stopage	category	cost
Kanpur	Unnao	5	100
Unnao	Lucknow	5	152
Unnao	Lucknow	5	152
Kanpur	Lucknow	5	250
Delhi	Agra	4	350
Agra	Mathura	4	100
Mathura	Vrindavan	4	50
Chennai	Bangalore	3	600
Bangalore	Mysore	3	200
Mumbai	Pune	3	300
Hyderabad	Vijayawada	3	400
Vijayawada	Visakhap...	3	500
Kolkata	Durgapur	3	250
Patna	Gaya	3	150
Ahmedabad	Surat	3	400
Surat	Mumbai	3	700
Jaipur	Jodhpur	4	500
Jodhpur	Udaipur	4	400
Indore	Bhopal	4	300
Bhopal	Nagpur	4	600

CONTENTS OF ORDERS TABLE

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

order_id	bus_id	user_id	user_name	user_age	source	destination	date	cost
5	2	2	dheeraj	20	kanpur	lucknow	2018-03-29	100
6	2	2	manish	52	kanpur	lucknow	2018-03-29	345
7	2	2	Pratyush	10	kanpur	Lucknow	2018-04-14	100
10	2	2	Pratyush	10	Kanpur	Lucknow	2018-04-14	100
11	4	3	Vikas	52	Chennai	Chittor	2018-04-17	200
14	4	3	Hemant	45	Chennai	Chittor	2018-04-17	200
15	6	2	Ankit	45	Agra	Mathura	2018-04-17	300
16	6	2	Pratyush	12	Agra	Mathura	2018-04-17	100
17	3	2	Prateek	20	Delhi	Surat	2018-04-17	100
21	7	3	Prateek	20	Tundla	Allahabad	2018-04-17	400
22	1	4	Rahul	25	Mumbai	Pune	2018-05-01	300
23	2	5	Sita	30	Delhi	Mumbai	2018-05-05	450
24	3	6	Ram	35	Bangalore	Mysore	2018-05-10	250
25	4	7	Geeta	28	Hydera...	Vijayawada	2018-05-15	400
26	5	8	Mohit	23	Chennai	Coimbatore	2018-05-20	350
27	6	9	Alok	27	Kolkata	Durgapur	2018-05-25	300
28	7	10	Priya	32	Patna	Gaya	2018-05-30	200
29	1	11	Anjali	29	Lucknow	Kanpur	2018-06-01	150
30	2	12	Raj	26	Surat	Ahmedabad	2018-06-05	500
31	3	13	Meena	34	Ranchi	Jamshedpur	2018-06-10	350
32	4	14	Neha	22	Bhopal	Indore	2018-06-15	300
33	5	15	Karan	31	Amritsar	Ludhiana	2018-06-20	250
34	6	16	Pooja	28	Nagpur	Pune	2018-06-25	450

CONTENTS OF POSTS TABLE

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

post_id	post_category_id	post_title	post_author	post_date	post_content	post_source	post_destination	post_via	post_via_time	post_query_count	max_seat
2	3	Kanpur to Lucknow	Prateek Saraswat	2018-04-26	Runs daily except Tuesday A/C...	Kanpur	Lucknow	Kanpur Unnao Lucknow	6:00 8:00 11:00	2	20
3	3	Delhi to Mumbai	Prateek	2018-04-26	Runs daily Lowest fare among all	Delhi	Mumbai	Delhi Jaipur Udaipur Naidad Surat Mumbai	3:00 5:00 7:00 12:00 18:00 20:00	1	30
4	5	Chennai to Bangolore	Prateek	2018-05-18	Runs only on Tuesday	Chennai	Bangolore	Chennai Kanchipuram Chittor Bangolore	12:00 2:00 5:00 7:00	6	0
5	3	Chandigarh to Manali	Prateek	2019-06-03	Runs daily	Chandigarh	Manali	Chandigarh Panchkula Mandi Kullu Manali	12:00 2:00 5:00 7:00 8:00	0	0
6	4	Agra to Mathura	Prateek	2018-04-26	Weekly	Agra	Mathura	Agra Mathura	5:00 7:00	0	0
7	4	Delhi to Allahabad	Prateek Saraswat	2018-04-26	Runs Weekly	Delhi	Allahabad	Delhi Ghaziabad Aligarh Tundla Kanpur Fatehpu...	12:00 2:00 5:00 7:00 8:00 9:00 10:00 11:00	0	10
8	3	Kanpur to Lucknow	Prateek Saraswat	2018-04-30	Runs daily except Tuesday A/C...	Kanpur	Lucknow	Kanpur Unnao Lucknow	6:00 8:00 11:00	0	20
9	3	Mumbai to Pune	Sarthak	2018-04-20	Runs daily, Comfortable seating	Mumbai	Pune	Mumbai Lonavala Pune	6:00 8:00 10:00	2	40
10	4	Bangalore to Mysore	Anjali	2018-05-10	Runs weekly, Scenic route	Bangalore	Mysore	Bangalore Mandya Mysore	7:00 9:00 11:00	1	35
11	5	Chennai to Coimbatore	Rajesh	2018-05-18	Runs only on Tuesdays	Chennai	Coimbatore	Chennai Vellore Salem Coimbatore	6:00 9:00 12:00 15:00	5	45
12	3	Hyderabad to Goa	Kiran	2019-06-03	Runs daily	Hyderabad	Goa	Hyderabad Solapur Goa	8:00 13:00 20:00	0	50
13	4	Jaipur to Udaipur	Nisha	2018-04-26	Weekly	Jaipur	Udaipur	Jaipur Ajmer Udaipur	5:00 8:00 12:00	0	32
14	3	Kolkata to Darjeeling	Amit	2018-04-30	Runs daily except Monday	Kolkata	Darjeeling	Kolkata Siliguri Darjeeling	6:00 12:00 18:00	3	30
15	4	Ahmedabad to Surat	Vikram	2018-05-01	Weekly service	Ahmedabad	Surat	Ahmedabad Vadodara Surat	7:00 10:00 13:00	4	25
16	5	Pune to Nagpur	Manisha	2018-05-05	Runs on Wednesdays and Satu...	Pune	Nagpur	Pune Aurangabad Nagpur	6:00 10:00 16:00	2	40
17	3	Lucknow to Varanasi	Divya	2018-05-10	Runs daily, Express service	Lucknow	Varanasi	Lucknow Faizabad Varanasi	5:00 9:00 13:00	1	20
18	5	Bhubaneswar to Puri	Rahul	2018-05-15	Runs on weekends	Bhubaneswar	Puri	Bhubaneswar Khurda Puri	6:00 8:00 10:00	6	30
19	4	Delhi to Agra	Ankit	2018-05-20	Weekly service	Delhi	Agra	Delhi Mathura Agra	7:00 9:00 11:00	5	40
20	3	Chandigarh to Shimla	Sneha	2018-05-25	Runs daily	Chandigarh	Shimla	Chandigarh Solan Shimla	6:00 9:00 12:00	0	25
21	3	Patna to Ranchi	Prakash	2018-05-30	Runs daily, A/C Bus	Patna	Ranchi	Patna Gaya Hazaribagh Ranchi	5:00 8:00 11:00 14:00	3	30
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

CONTENTS OF QUERY TABLE

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

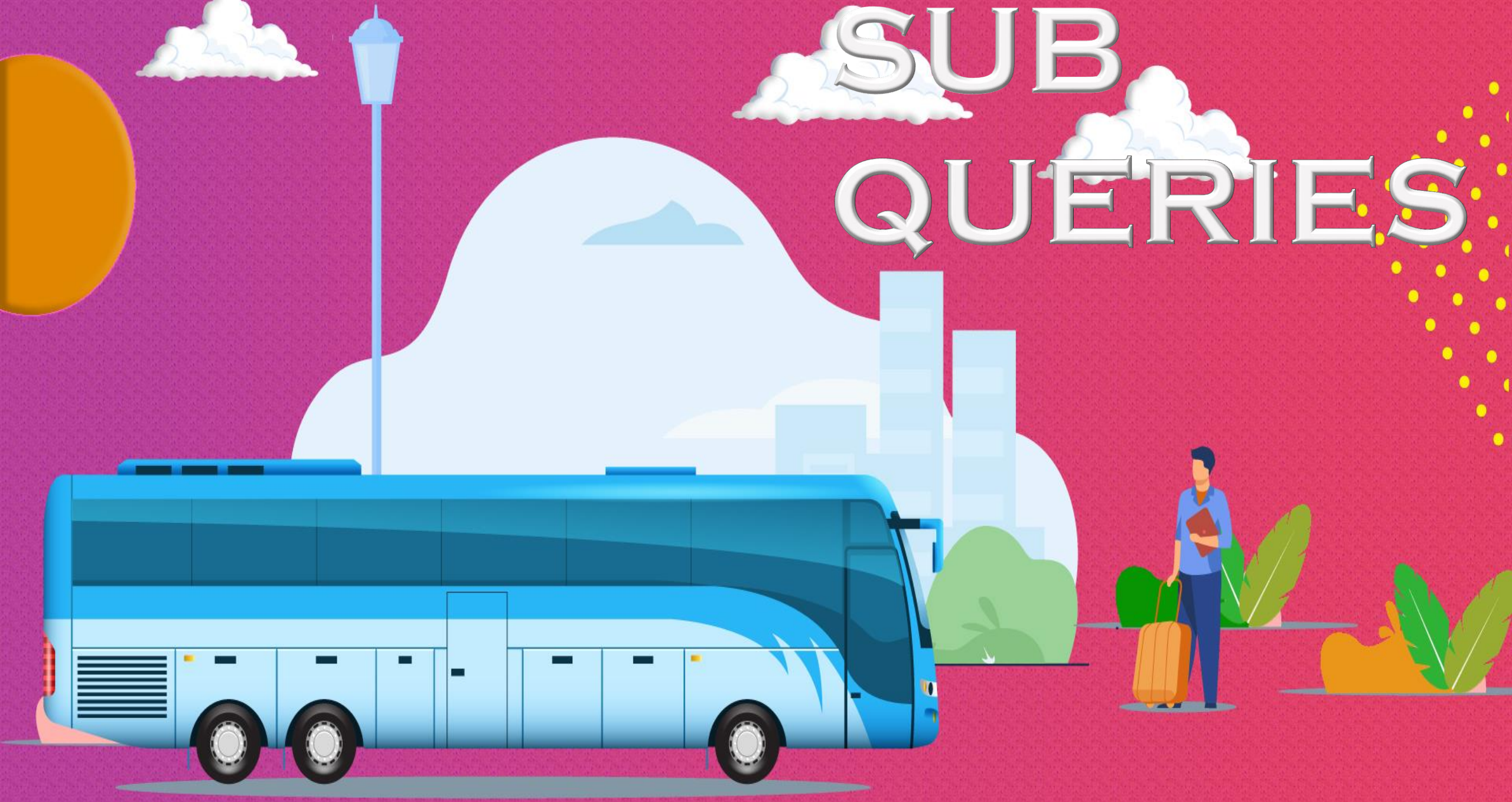
query_id	query_bus_id	query_user	query_email	query_date	query_content	query_replied
1	2	Vikas	iit2016058@iiita.ac.in	2018-03-17	Great Services	no
2	3	Prateek	saraswat@gmail.com	2018-03-19	Great Services	no
3	4	Saraswat	prateek@gmail.com	2018-03-23	Good	no
4	2	Parteek	saraswat.prateek100@gmail.com	2018-03-17	Good	no
5	2	vikas	iit2016058@iiita.ac.in	2018-03-18	Keep Going	no
6	3	Prateek	iit2016058@iiita.ac.in	2018-03-18	Good	no
7	4	(unknown)	iit2016054@iiita.ac.in	2018-03-18	Hello	no
8	2	Vikas	iit2016058@iiita.ac.in	2018-03-17	Great Services	no
9	3	Prateek	saraswat@gmail.com	2018-03-19	Great Services	no
10	4	Saraswat	prateek@gmail.com	2018-03-23	Good	no
11	2	Parteek	saraswat.prateek100@gmail.com	2018-03-17	Good	no
12	2	vikas	iit2016058@iiita.ac.in	2018-03-18	Keep Going	no
13	3	Prateek	iit2016058@iiita.ac.in	2018-03-18	Good	no
14	5	Ankit	ankit@example.com	2018-03-20	Very comfortable journey	yes
15	4	Hemant	hemant@example.com	2018-03-21	Nice service	yes
16	6	Ankit	ankit@example.com	2018-03-22	Great experience	no
17	7	Vipul	vipul@example.com	2018-03-24	Satisfied	yes
18	3	Amit	amit@example.com	2018-03-25	Could be better	no
19	2	Dheeraj	dheeraj@example.com	2018-03-26	Excellent	yes
20	3	Manish	manish@example.com	2018-03-27	Not satisfied	no
21	4	Hemant	hemant@example.com	2018-03-28	Wonderful	yes
22	6	Pratyush	pratyush@example.com	2018-03-29	Average	no
NULL	NULL	NULL	NULL	NULL	NULL	NULL

CONTENTS OF USERS TABLE

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

user_id	username	user_password	user_firstname	user_lastname	user_email	user_phoneno	user_role
2	prateek	saraswat	prateek	saraswat	saraswat.prateek100@gmail.com	9457507662	admin
3	vikas	vikas	vikas	kumar	iit2016058@iiita.ac.in	9457862135	subscriber
4	manish	manish	manish	ranjan	iit2016059@iiita.ac.in	6475896232	subscriber
5	amit	amit	Amit	Gomi	lit2016011@iiila.ac.in	9784512659	admin
26	owner	saaru	Owner	Old	iit2016054@iiita.ac.in	9784584566	subscriber
28	Hemu	heamnt	Hemant	Singh	iit2016070@iiita.ac.in	9456213654	subscriber
29	vipul	vipul	Vipul	Singhal	iit2016049@iiita.ac.in	9456213654	subscriber
30	Pratyush	pratysh	Pratyush	Garg	pg@gmail.com	9457865214	subscriber
6	ram	ram123	Ram	Sharma	ram.sharma@example.com	9876543210	subscriber
7	sita	sita456	Sita	Verma	sita.verma@example.com	9876543211	subscriber
8	krishna	krishna789	Krishna	Yadav	krishna.yadav@example.com	9876543212	admin
9	radha	radha101	Radha	Gupta	radha.gupta@example.com	9876543213	subscriber
10	arjun	arjun111	Arjun	Singh	arjun.singh@example.com	9876543214	subscriber
11	bhim	bhim222	Bhim	Kumar	bhim.kumar@example.com	9876543215	admin
12	draupadi	draupadi333	Draupadi	Mishra	draupadi.mishra@example.com	9876543216	subscriber
13	ganesh	ganesh444	Ganesh	Patel	ganesh.patel@example.com	9876543217	subscriber
14	lakshmi	lakshmi555	Lakshmi	Rao	lakshmi.rao@example.com	9876543218	subscriber
15	vishnu	vishnu666	Vishnu	Naik	vishnu.naik@example.com	9876543219	admin
16	parvati	parvati777	Parvati	Joshi	parvati.joshi@example.com	9876543220	subscriber
17	shiva	shiva888	Shiva	Desai	shiva.desai@example.com	9876543221	subscriber
18	saraswati	saraswati999	Saraswati	Iyer	saraswati.iyer@example.com	9876543222	subscriber
19	durga	durga1234	Durga	Choudhary	durga.choudhary@example.com	9876543223	admin
20	kali	kali5678	Kali	Dutta	kali.dutta@example.com	9876543224	subscriber
21	indra	indra91011	Indra	Reddy	indra.reddy@example.com	9876543225	subscriber

SUB QUERIES



Find the total number of orders placed by each user

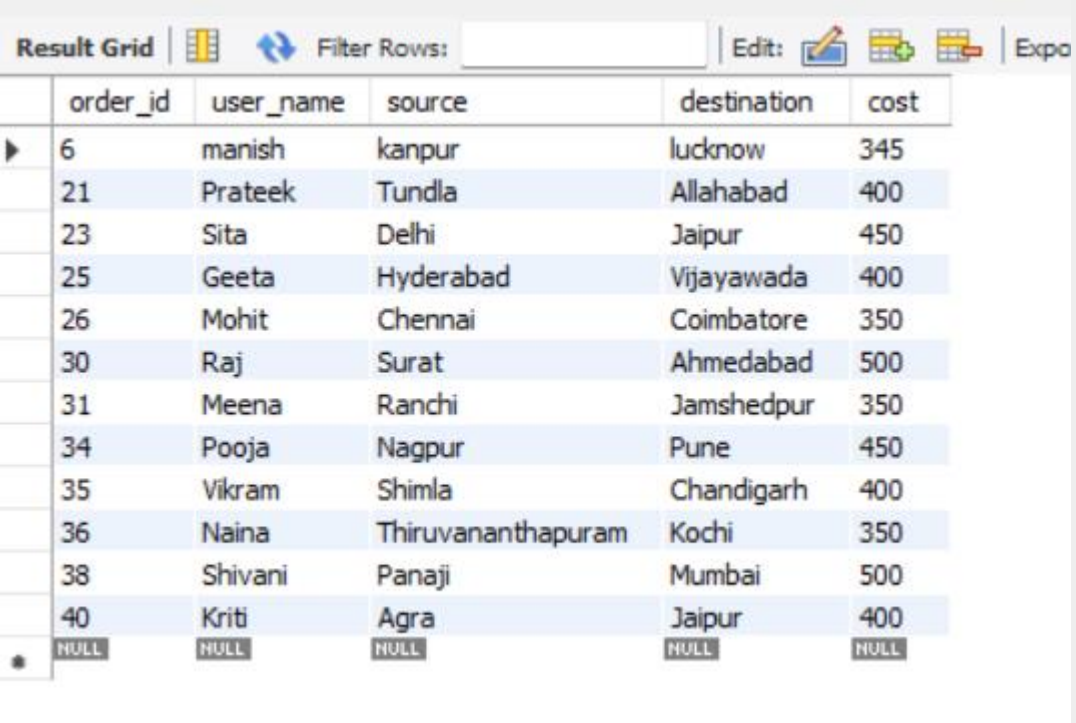
Result Grid | Filter Rows: | Export:

username	user_firstname	user_lastname	total_orders
prateek	prateek	saraswat	7
vikas	vikas	kumar	3
manish	manish	ranjan	1
amit	Amit	Gomi	1
owner	Owner	Old	0
Hemu	Hemant	Singh	0
vipul	Vipul	Singhal	0
Pratyush	Pratyush	Garg	0
ram	Ram	Sharma	1
sita	Sita	Verma	1
krishna	Krishna	Yadav	1
radha	Radha	Gupta	1
arjun	Arjun	Singh	1
bhim	Bhim	Kumar	1
draupadi	Draupadi	Mishra	1
ganesh	Ganesh	Patel	1
lakshmi	Lakshmi	Rao	1
vishnu	Vishnu	Naik	1
parvati	Parvati	Joshi	1
shiva	Shiva	Desai	1
saraswati	Saraswati	Iyer	1
durga	Durga	Choudhary	1
kali	Kali	Dutta	1
indra	Indra	Reddy	1

```
SELECT u.username, u.user_firstname,
u.user_lastname, (    SELECT COUNT(*)     FROM orders
o     WHERE o.user_id = u.user_id) AS
total_ordersFROM users u;
```

List all orders where the cost is more than the average cost of all orders.

```
SELECT o.order_id, o.user_name, o.source,
o.destination, o.costFROM orders o WHERE o.cost > (
SELECT AVG(c.cost)     FROM cost c);
```

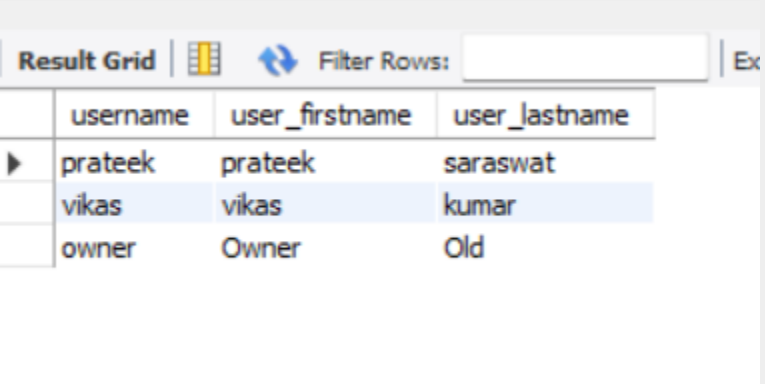


Result Grid | Filter Rows: | Edit: | Expo

order_id	user_name	source	destination	cost
6	manish	kanpur	lucknow	345
21	Prateek	Tundla	Allahabad	400
23	Sita	Delhi	Jaipur	450
25	Geeta	Hyderabad	Vijayawada	400
26	Mohit	Chennai	Coimbatore	350
30	Raj	Surat	Ahmedabad	500
31	Meena	Ranchi	Jamshedpur	350
34	Pooja	Nagpur	Pune	450
35	Vikram	Shimla	Chandigarh	400
36	Naina	Thiruvananthapuram	Kochi	350
38	Shivani	Panaji	Mumbai	500
40	Kriti	Agra	Jaipur	400
NULL	NULL	NULL	NULL	NULL

List all users who have queries that are not replied to.

```
SELECT u.username, u.user_firstname,
u.user_lastname FROM users u WHERE u.user_email
IN (    SELECT q.query_email     FROM query q
WHERE q.query_replied = 'no');
```

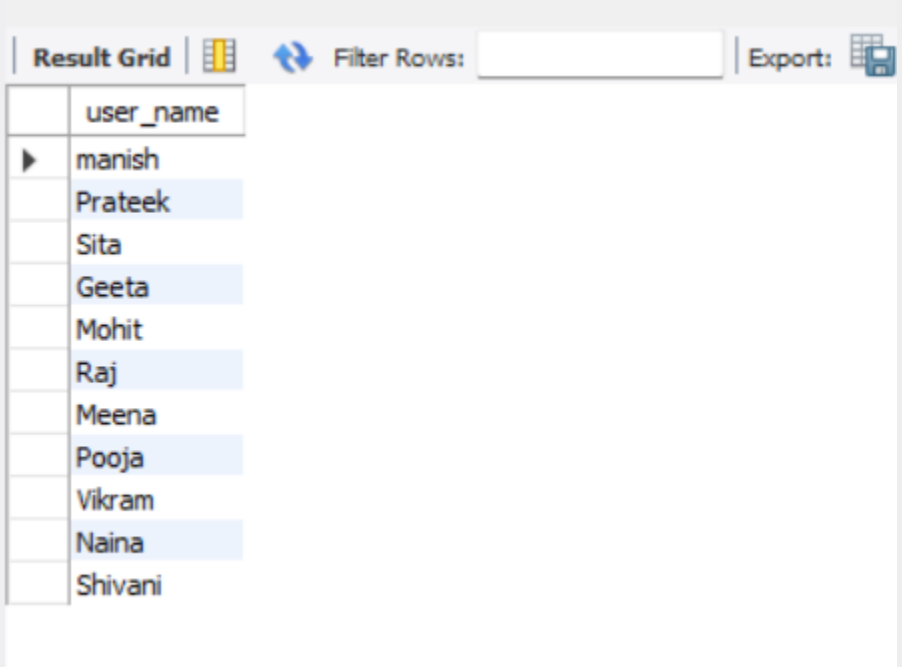


Result Grid | Filter Rows: | Ex

username	user_firstname	user_lastname
prateek	prateek	saraswat
vikas	vikas	kumar
owner	Owner	Old

Find Users who have made Orders on Buses with Costs over 300

```
SELECT user_name FROM ordersWHERE cost > 300
AND user_id IN (    SELECT user_id    FROM users  );
```



JOINS

Retrieve the cost details of the journeys between different cities along with their categories

Result Grid | Filter Rows:

start	stopage	cat_title	cost
Kanpur	Unnao	Night Buses	100
Unnao	Lucknow	Night Buses	152
Unnao	Lucknow	Night Buses	152
Kanpur	Lucknow	Night Buses	250
Delhi	Agra	Weekly Buses	350
Agra	Mathura	Weekly Buses	100
Mathura	Vrindavan	Weekly Buses	50
Chennai	Bangalore	Daily Buses	600
Bangalore	Mysore	Daily Buses	200
Mumbai	Pune	Daily Buses	300
Hyderabad	Vijayawada	Daily Buses	400
Vijayawada	Visakhap...	Daily Buses	500
Kolkata	Durgapur	Daily Buses	250
Patna	Gaya	Daily Buses	150
Ahmedabad	Surat	Daily Buses	400
Surat	Mumbai	Daily Buses	700
Jaipur	Jodhpur	Weekly Buses	500
Jodhpur	Udaipur	Weekly Buses	400
Indore	Bhopal	Weekly Buses	300
Bhopal	Nagpur	Weekly Buses	600

```
SELECT cost.start, cost.stopage, categories.cat_title, cost.cost FROM cost JOIN categories ON cost.category = categories.cat_id;
```

Retrieve all queries along with the user details who posted them

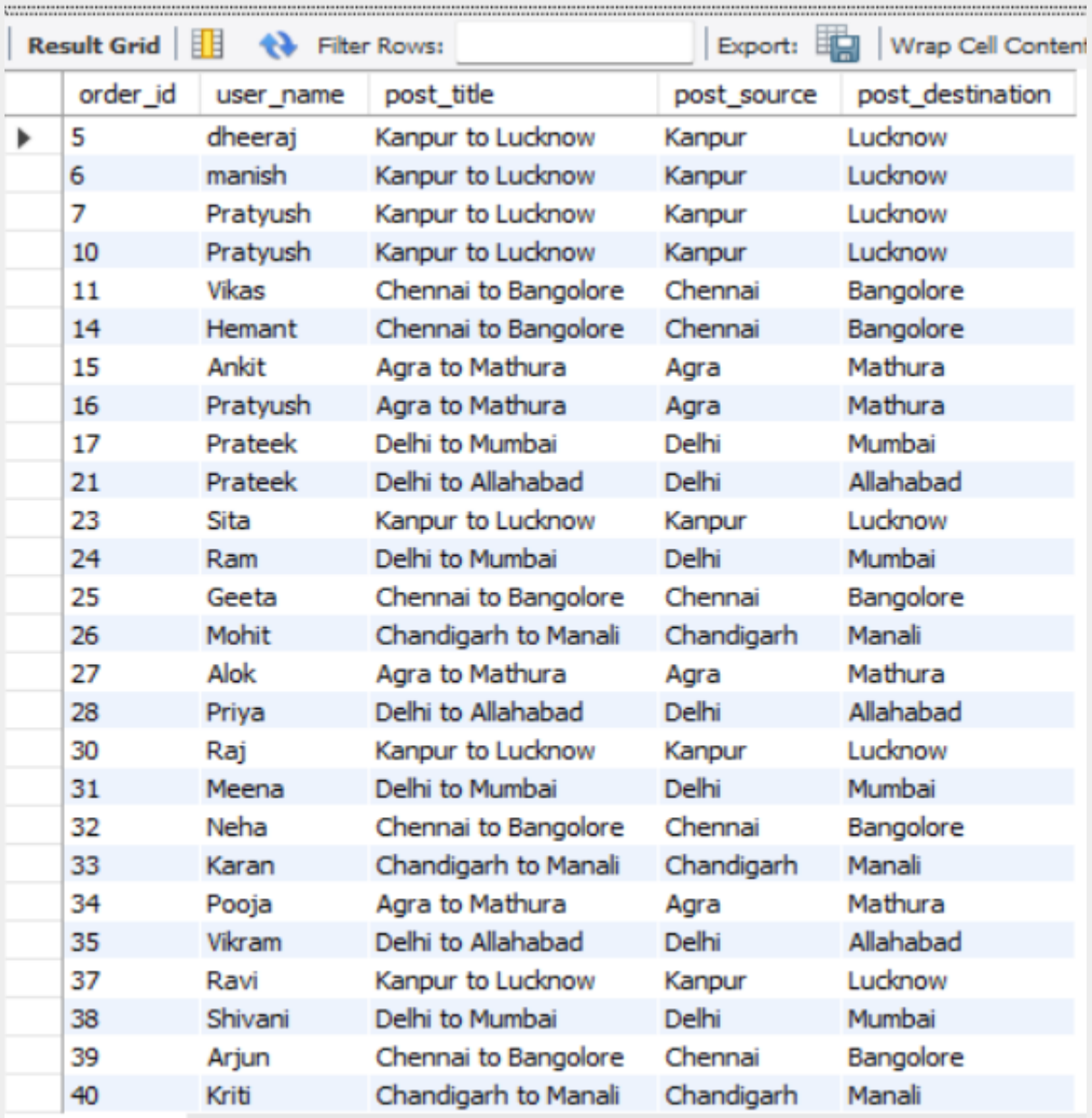
```
SELECT query.query_id, query.query_user, users.user_email, query. query_date, query.query_content, query.query_replied FROM query JOIN users ON query.query_user = users.username;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

query_id	query_user	user_email	query_date	query_content	query_replied
13	Prateek	saraswat.prateek100@gmail.com	2018-03-18	Good	no
9	Prateek	saraswat.prateek100@gmail.com	2018-03-19	Great Services	no
6	Prateek	saraswat.prateek100@gmail.com	2018-03-18	Good	no
2	Prateek	saraswat.prateek100@gmail.com	2018-03-19	Great Services	no
12	vikas	iit2016058@iiita.ac.in	2018-03-18	Keep Going	no
8	Vikas	iit2016058@iiita.ac.in		Services	no
5	vikas	iit2016058@iiita.ac.in	2018-03-18	Keep Going	no
1	Vikas	iit2016058@iiita.ac.in	2018-03-17	Great Services	no
20	Manish	iit2016059@iiita.ac.in	2018-03-27	Not satisfied	no
18	Amit	lit2016011@iiila.ac.in	2018-03-25	Could be better	no
17	Vipul	iit2016049@iiita.ac.in	2018-03-24	Satisfied	yes
22	Pratyush	pg@gmail.com	2018-03-29	Average	no

iit2016058@iiita.ac.in

INNER JOIN between orders and posts to get order details along with bus details



Result Grid | Filter Rows: | Export: | Wrap Cell Content

order_id	user_name	post_title	post_source	post_destination
5	dheeraj	Kanpur to Lucknow	Kanpur	Lucknow
6	manish	Kanpur to Lucknow	Kanpur	Lucknow
7	Pratyush	Kanpur to Lucknow	Kanpur	Lucknow
10	Pratyush	Kanpur to Lucknow	Kanpur	Lucknow
11	Vikas	Chennai to Bangolore	Chennai	Bangolore
14	Hemant	Chennai to Bangolore	Chennai	Bangolore
15	Ankit	Agra to Mathura	Agra	Mathura
16	Pratyush	Agra to Mathura	Agra	Mathura
17	Prateek	Delhi to Mumbai	Delhi	Mumbai
21	Prateek	Delhi to Allahabad	Delhi	Allahabad
23	Sita	Kanpur to Lucknow	Kanpur	Lucknow
24	Ram	Delhi to Mumbai	Delhi	Mumbai
25	Geeta	Chennai to Bangolore	Chennai	Bangolore
26	Mohit	Chandigarh to Manali	Chandigarh	Manali
27	Alok	Agra to Mathura	Agra	Mathura
28	Priya	Delhi to Allahabad	Delhi	Allahabad
30	Raj	Kanpur to Lucknow	Kanpur	Lucknow
31	Meena	Delhi to Mumbai	Delhi	Mumbai
32	Neha	Chennai to Bangolore	Chennai	Bangolore
33	Karan	Chandigarh to Manali	Chandigarh	Manali
34	Pooja	Agra to Mathura	Agra	Mathura
35	Vikram	Delhi to Allahabad	Delhi	Allahabad
37	Ravi	Kanpur to Lucknow	Kanpur	Lucknow
38	Shivani	Delhi to Mumbai	Delhi	Mumbai
39	Arjun	Chennai to Bangolore	Chennai	Bangolore
40	Kriti	Chandigarh to Manali	Chandigarh	Manali

```
SELECT o.order_id, o.user_name, p.post_title,
p.post_source, p.post_destinationFROM orders oINNER
JOIN posts p ON o.bus_id = p.post_id;
```

INNER JOIN between cost and orders to get travel cost details for each order.

```
SELECT o.order_id, o.user_name,
co.start, co.stopage, co.costFROM
orders o INNER JOIN cost co ON
o.source = co.start AND
o.destination = co.stopage;
```

Result Grid | Filter Rows: | Export: | Wra

order_id	user_name	start	stopage	cost
5	dheeraj	Kanpur	Lucknow	250
6	manish	Kanpur	Lucknow	250
7	Pratyush	Kanpur	Lucknow	250
10	Pratyush	Kanpur	Lucknow	250
15	Ankit	Agra	Mathura	100
16	Pratyush	Agra	Mathura	100
22	Rahul	Mumbai	Pune	300
24	Ram	Bangalore	Mysore	200
25	Geeta	Hyderabad	Vijayawada	400
27	Alok	Kolkata	Durgapur	250
28	Priya	Patna	Gaya	150

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THANK
YOU
Metroline