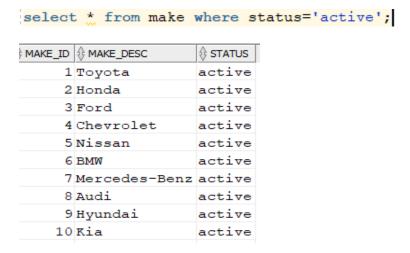
MOTOR INSURANCE REPORT

USER REQUIREMENTS:

1. List of all active makes from the Make table?

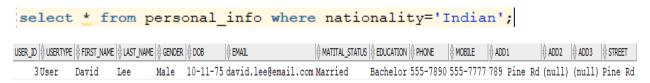


2.Find all models linked to a specific Make (e.g., Make id=1)?

select model_desc from model where make_id=1;

@ MODEL_DESC
Camry
Corolla

3. Retrieve all personal information for users with a specific nationality (e.g., 'Indian').



4. Find the full name of all users in a specific city (e.g., New York)?

```
select first_name ||' '|| last_name as full_name from personal_info where city= 'New York';

FULL_NAME
John Doe
```

5.Display models and their associated make descriptions using a join?

select m.model_desc,mk.make_desc from model m join make mk on m.make_id=mk.make_id;

MODEL_DESC	MAKE_DESC
Camry	Toyota
Corolla	Toyota
Civic	Honda
Accord	Honda
Mustang	Ford
F-150	Ford
Silverado	Chevrolet
Equinox	Chevrolet
Altima	Nissan
Rogue	Nissan

6. Retrieve brokers whose contact information includes the word 'in'?

select broker_name,contact_info from broker where lower(contact_info) like '%in%';

```
BROKER_NAME | CONTACT_INFO |

David Lee | 789 Pine Rd, Suite 300, Anytown, CA 12345Phone: 555-7890Email: david.l...

Emily White | 201 Pine Rd, Suite 700, Anytown, CA 12345Phone: 555-6789Email: emily.w...

Amanda Black 432 Main St, Suite 900, Anytown, CA 12345Phone: 555-5678Email: amanda....
```

7. Find the total number of active model under each make?

```
select mk.make_desc,count(m.model_id) as active_models from make mk
join model m on mk.make_id=m.make_id
    where m.status='active' group by mk.make_desc;
```

MAKE_DESC	₩ ACTIVE_MODELS
Tesla	2
MINI	2
Subaru	2
Lexus	2
Land Rover	2
BMW	2

8.List users whose email domains are 'email.com'?

```
select first name, last name, email from personal info where email like '%email.com%';
```

	LAST_NAME	∯ EMAIL
John	Doe	john.doe@email.com
Jane	Smith	jane.smith@email.com
David	Lee	david.lee@email.com
Michael	Brown	michael.brown@email.com
Emily	Davis	emily.davis@email.com
Christopher	Jones	christopher.jones@email.com
Sarah	Williams	sarah.williams@email.com
Daniel	Brown	daniel.brown@email.com
Amanda	Jones	amanda.jones@email.com

9.Display the number of brokers registered in the system?

```
select count(broker_id) as Total_brokers from broker;

TOTAL_BROKERS

10
```

10. Find models that long to makes where all models are active?

11. Calculate the total number of active makes and models?

```
SELECT
    (
        SELECT
            COUNT (*)
        FROM
            make
        WHERE
            status = 'active'
    ) AS active makes,
        SELECT
            COUNT (*)
        FROM
            model
        WHERE
            status = 'active'
    ) AS active models
FROM
    dual;
```

ACTIVE_MAKES		
25	49	

12. Find the most recent user added to the system?

select user_id, first_name, last_name, dob from personal_info where dob=(select max(dob) from personal_info);

USER_ID FIRST_NAME	LAST_NAME	♦ DOB
8 Daniel	Brown	28-02-95

13. Rank all users by their date of birth in a ascending order?

select user_id, first_name, last_name, dob, rank() over(order by dob asc) as dob_rank from personal_info;

USER_ID			∯ DOB	DOB_RANK
3	David	Lee	10-11-75	1
10	Robert	Davis	20-11-76	2
4	Michael	Brown	25-03-78	3

14. Retrieve login information for all users with a certain education level (e.g., Master)?

```
l.login_id,
l.user_type,
pi.first_name,
pi.last_name

FROM
login_user l
JOIN personal_info pi ON l.user_id = pi.user_id

WHERE
pi.education = 'Master';
```

LOGIN_ID	USER_TYPE		\$ LAST_NAME
2	Sales Agent	Jane	Smith
4	Broker	Michael	Brown
7	Broker	Sarah	Williams
10	Broker	Robert	Davis

15. Generate a report of all brokers and their associated sales agents.

```
b.broker_name,
b.broker_org_name,
p.first_name,
p.last_name

FROM broker b

JOIN login_user l ON b.broker_id = l.lead_id
JOIN personal_info p ON l.user_id = p.user_id

WHERE
l.user_type = 'Sales Agent'

ORDER BY
b.broker_name;
```

BROKER_NAME		C_ORG_NAME		
Emily White	White	Properties	Daniel	Brown
John Smith	Smith	1	Jane	Smith
Michael Brown	Brown	4	Emily	Davis