

# PROPERTY MANAGEMENT AND SALES ANALYTICS USING SQL



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## Introduction:

This project simulates a complete **real estate management system** using SQL. It includes designing a normalized relational database to manage properties, agents, clients, property visits, and final deals. Using this system, I explored 25+ real-world business and analytical SQL queries to extract insights such as agent performance, client activity, sales trends, and conversion metrics.

The goal of this project is to showcase end-to-end proficiency in:

- SQL schema design
- Data insertion using realistic datasets
- Writing powerful queries for analytics and decision-making
- Real-world database relationships using primary and foreign keys

The project also reflects how SQL is used in **business intelligence**, **CRM systems**, and **property analytics platforms**.

## Key Features of the Real Estate Property Management Project

This project demonstrates the use of SQL in managing real-world real estate operations through well-structured relational databases and comprehensive query logic. The focus is on clean database design, robust data handling, and meaningful query-based insights.

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### Well-Structured Database Design

- Five main entities were modelled : agents, properties, clients, visits, and deals.
- Relationships were established using **primary and foreign keys** to maintain data consistency.
- Data types were carefully selected, and constraints like NOT NULL, UNIQUE, and ENUM were applied to ensure validity and enforce business rules.

### Implementation of DDL & DML

- All tables were created using SQL CREATE TABLE statements with necessary integrity constraints.
- Realistic, sample data was inserted to simulate actual business scenarios.
- Operations like INSERT, UPDATE, and DELETE were used to manage and manipulate data as required.

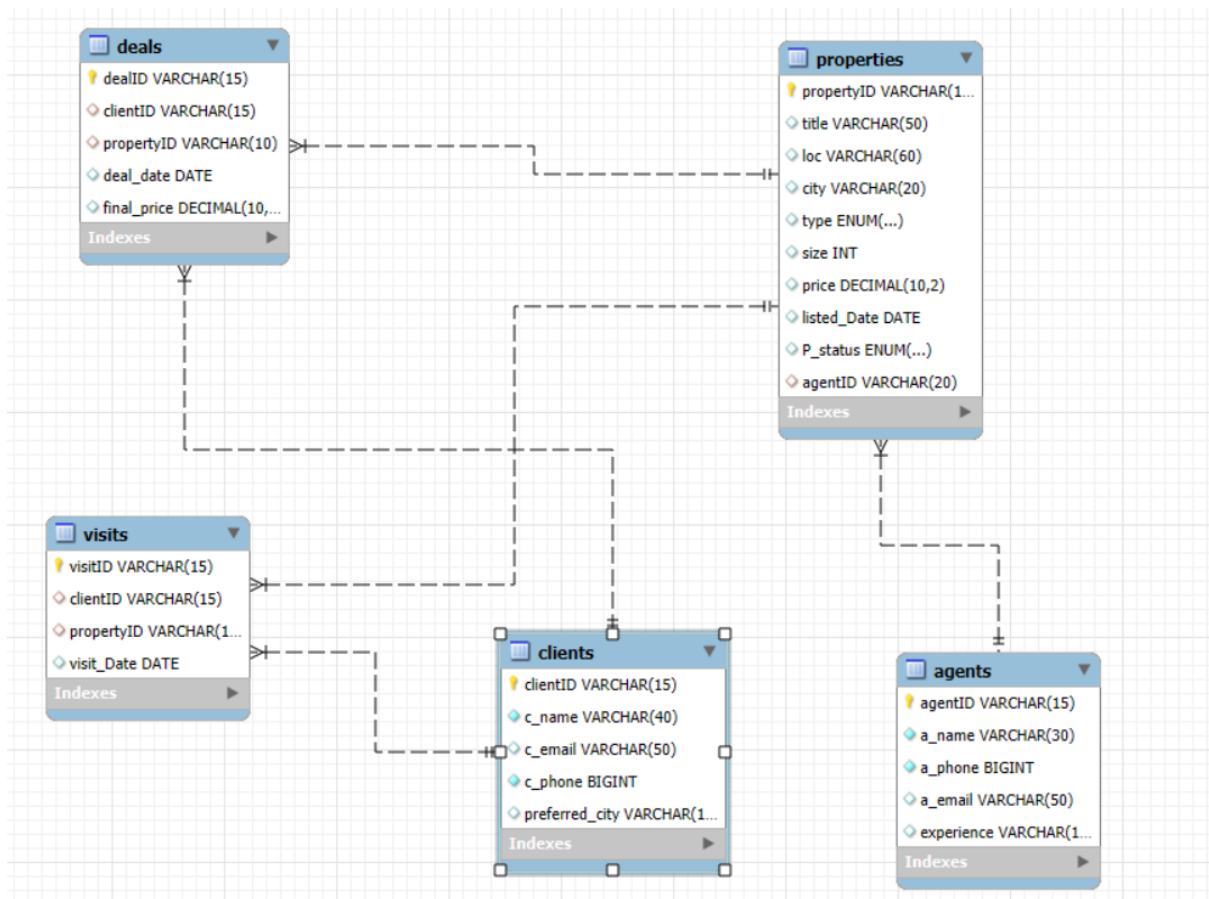
### Query Logic and Data Retrieval

- SQL queries were written to extract key business information such as:
  - Properties available in a given city
  - Clients who visited properties but didn't make a purchase
  - Agents responsible for handling high-value deals
  - Properties listed after a specific date
- Applied **JOINS**, **subqueries**, GROUP BY, HAVING, and filtering conditions to generate meaningful outputs from multiple tables.

### Business Scenarios Simulated

- Agent performance was tracked based on properties sold.
- Client engagement was measured through visit activity.
- Inventory was analyzed by property status (available/sold) and city.
- Visit and deal patterns were used to understand user behavior and conversion flow.

## ER DIAGRAM :



## Databases:

```
create database real_estateDB ;
```

```
use real_estateDB ;
```

```
show databases;
```

Database
information_schema
mysql
performance_schema
real_estatedb
sys

## Tables in Real state Database:

Tables_in_real_estatedb
agents
clients
deals
feedback
properties
visits

## DATA DEFINITION LANGUAGE (DDL):

### 1. Creating tables

#### a) Agents

```
create table agents( agentID varchar(15) primary key, a_name varchar(30) not null ,
a_phone bigint(10) unique not null ,a_email varchar(50), experience varchar(10));
Desc agents;
```

Field	Type	Null	Key	Default	Extra
agentID	varchar(15)	NO	PRI	NULL	
a_name	varchar(30)	NO		NULL	
a_phone	bigint	NO	UNI	NULL	
a_email	varchar(50)	YES		NULL	
experience	varchar(10)	YES		NULL	

#### b) Properties

```
create table properties( propertyID varchar(10) primary key,title Varchar(50) ,loc varchar(60),
city varchar(20),type enum('Apartment', 'Villa', 'Plot'),size int,price decimal(10,2),listed_Date
date,P_status enum('Available', 'Sold'),agentID varchar(20),
FOREIGN KEY (agentID) REFERENCES agents(agentID));
```

Field	Type	Null	Key	Default	Extra
propertyID	varchar(10)	NO	PRI	NULL	
title	varchar(50)	YES		NULL	
loc	varchar(60)	YES		NULL	
city	varchar(20)	YES		NULL	
type	enum('Apartment', 'Villa', 'Plot')	YES		NULL	
size	int	YES		NULL	
price	decimal(10,2)	YES		NULL	
listed_Date	date	YES		NULL	
P_status	enum('Available', 'Sold')	YES		NULL	
agentID	varchar(20)	YES	MUL	NULL	

### c) Clients

```
create table clients(clientID varchar(15) primary key ,c_name varchar(40) not null ,
c_email varchar(50) ,c_phone bigint(10) unique not null ,preferred_city varchar(10) );
desc clients;
```

	Field	Type	Null	Key	Default	Extra
►	clientID	varchar(15)	NO	PRI	NULL	
	c_name	varchar(40)	NO		NULL	
	c_email	varchar(50)	YES		NULL	
	c_phone	bigint	NO	UNI	NULL	
	preferred_city	varchar(10)	YES		NULL	

### d) Visits

```
create table visits (visitID varchar(15) primary key ,clientID varchar(15),
FOREIGN KEY (clientID) REFERENCES clients(clientID),
propertyID varchar(10),
FOREIGN KEY (propertyID) REFERENCES properties(propertyID),
visit_Date Date );
desc visits;
```

	Field	Type	Null	Key	Default	Extra
►	visitID	varchar(15)	NO	PRI	NULL	
	clientID	varchar(15)	YES	MUL	NULL	
	propertyID	varchar(10)	YES	MUL	NULL	
	visit_Date	date	YES		NULL	

### e) Deals

```
create table deals (dealID varchar(15) primary key ,clientID varchar(15),
FOREIGN KEY (clientID) REFERENCES clients(clientID),
propertyID varchar(10),
FOREIGN KEY (propertyID) REFERENCES properties(propertyID),
deal_date date ,final_price decimal(10,2));
desc deals ;
```

	Field	Type	Null	Key	Default	Extra
►	dealID	varchar(15)	NO	PRI	NULL	
	clientID	varchar(15)	YES	MUL	NULL	
	propertyID	varchar(10)	YES	MUL	NULL	
	deal_date	date	YES		NULL	
	final_price	decimal(10,2)	YES		NULL	

## Data Definition Language (DDL) / Data Manipulation language (DML)

These queries involve creating, modifying, or managing your database structure and records.

**Q1.** Create a new table feedback with fields: feedbackID, clientID, comments, rating.

**Querie:** create table feedback ( FeedbackID bigint primary key ,clientID varchar(15) ,  
FOREIGN KEY (clientID) REFERENCES clients(clientID),  
comments varchar(50) ,rating enum('Average', 'Good' , 'Bad ' , 'Excellent'));

	Field	Type	Null	Key	Default	Extra
►	FeedbackID	bigint	NO	PRI	NULL	
	clientID	varchar(15)	YES	MUL	NULL	
	comments	varchar(50)	YES		NULL	
	rating	enum('Average', 'Good', 'Bad', 'Excellent')	YES		NULL	
	rating_to_properties	enum('Good', 'Bad', 'Average')	YES		NULL	

**Q2.** Add a column rating to properties.

**Querie :** alter table feedback add rating\_to\_properties enum('Good','Bad','Average');

**Q3.** Insert a new deal manually for a new client and property.

**Queries .**

INSERT INTO clients (clientID, c\_name, c\_email, c\_phone, preferred\_city) VALUES  
( 'C122', 'Bhavika Sharma', 'bhavika.sharma@gmail.com', 9977001132, 'Thnae');

clientID	c_name	c_email	c_phone	preferred_city
C108	Zoya Qureshi	zoya.qureshi@hotmail.com	9887662345	Mumbai
C109	Harsh Vora	harsh.vora@yahoo.com	9876123001	Pune
C110	Ritika Rawat	ritika.rawat@gmail.com	9789004411	Hyderabad
C111	Saurabh Mishra	saurabh.mishra@live.com	9923456712	Noida
C112	Anika Reddy	anika.reddy@gmail.com	9933011223	Bangalore
C113	Mohit Shetty	mohit.shetty@gmail.com	9877099001	Delhi
C114	Shreya Tiwari	shreya.tiwari@yahoo.com	9966543210	Mumbai
C115	Raghav Patil	raghav.patil@gmail.com	9811122233	Pune
C122	Bhavika Sharma	bhavikaasharma@gmail.com	9977001132	Thnae
NULL	NULL	NULL	NULL	NULL

INSERT INTO properties (propertyID, title, loc, city, type, size, price, listed\_Date, P\_status, agentID)



VALUES ('P200', '3BHK Flat in Baner', 'Baner Road, Pune', 'Pune', 'Apartment', 1300, 8500000.00, '2024-07-01', 'Sold', 'AG005');

INSERT INTO deals (dealID, clientID, propertyID, deal\_date, final\_price)

VALUES ('D200', 'C122', 'P200', '2024-07-03', 8400000.00);

D005	C105	P015	2024-08-07	11250000.00
D006	C106	P009	2024-08-08	9450000.00
D007	C107	P014	2024-08-09	7600000.00
D008	C108	P005	2024-08-10	12300000.00
D009	C109	P020	2024-08-12	8950000.00
D010	C110	P004	2024-08-13	10600000.00
D011	C111	P002	2024-08-14	9300000.00
D012	C112	P012	2024-08-15	9900000.00
D200	C122	P200	2024-07-03	8400000.00
NULL	NULL	NULL	NULL	NULL

Q4. Update the status of a property to 'Sold' once it's dealt

update properties set p\_status = 'sold' where propertyID = 'P016';

P009	IRK Studio in Dadar	Dadar West, Mumbai	Mumbai	Apartment	450	5300000.00	2024-07-05	Available	AG012
P010	Plot in Sector 50	Sector 50, Noida	Noida	Plot	1550	12000000.00	2024-06-10	Sold	AG019
P011	3BHK in Kharghar	Kharghar, Navi Mumbai	Mumbai	Apartment	1050	10500000.00	2024-07-18	Sold	AG003
P012	Studio in Koramangala	Koramangala 5th Block	Bangalore	Apartment	600	7100000.00	2024-06-22	Available	AG017
P013	Luxury Villa in Jubilee Hills	Jubilee Hills, Hyderabad	Hyderabad	Villa	2800	33000000.00	2024-07-15	Available	AG011
P014	Open Plot in Hinjewadi	Phase 1, Hinjewadi	Pune	Plot	1600	12500000.00	2024-06-30	Sold	AG004
P015	Luxury Apartment in Baner	Baner, Pune	Pune	Apartment	950	9700000.00	2024-06-15	Available	AG009
P016	2BHK in Wakad	Wakad, Pune	Pune	Apartment	900	8700000.00	2024-08-01	Sold	AG005
P017	Residential Plot in Sector 71	Sector 71, Noida	Noida	Plot	1500	11800000.00	2024-08-04	Available	AG010
P018	Plot near Ring Road	Ring Road, Ghaziabad	Ghaziabad	Plot	1700	9600000.00	2024-06-12	Available	AG020

properties 22 x

Q5. Delete a visit record where the client didn't follow up.

Querie : DELETE FROM visits WHERE (clientID, propertyID) NOT IN (SELECT clientID, propertyID FROM deals);

	visitID	clientID	propertyID	visit_Date
▶	V001	C110	P014	2024-07-05
	V002	C108	P002	2024-07-06
	V003	C103	P017	2024-07-07
	V004	C101	P006	2024-07-08
	V005	C115	P003	2024-07-09
	V006	C107	P015	2024-07-10
	V007	C104	P008	2024-07-11
	V008	C109	P013	2024-07-12
	V009	C111	P005	2024-07-13
	V010	C106	P020	2024-07-14
	V011	C113	P001	2024-07-15

**Q6.** Change a client's email address.

**Query:** update clients set c\_email = 'bhavikaasharma@gmail.com' where clientID = 'C122';select \* from clients where clientID = "C122";

	clientID	c_name	c_email	c_phone	preferred_city
▶	C122	Bhavi	Bhavika Sharma	9977001132	Thnae
*	NULL	NULL	NULL	NULL	NULL

## BASIC SELECT QUERIES

Use SELECT, WHERE, ORDER BY, and LIMIT to get specific records.

**Q7.** List all available properties in Mumbai.

**Query:** select \* from properties where city = "Mumbai";

	propertyID	title	loc	city	type	size	price	listed_Date	P_status	agentID
▶	P007	2BHK in Malad East	Malad East, Mumbai	Mumbai	Apartment	880	8900000.00	2024-07-01	Sold	AG001
	P009	1RK Studio in Dadar	Dadar West, Mumbai	Mumbai	Apartment	450	5300000.00	2024-07-05	Available	AG012
	P011	3BHK in Kharghar	Kharghar, Navi Mumbai	Mumbai	Apartment	1050	10500000.00	2024-07-18	Sold	AG003
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

**Q8.** Show all clients and their preferred city.

**Query:** select clientID, c\_name , preferred\_city from clients;

	clientID	c_name	preferred_city
▶	C101	Bhavya Sharma	Pune
	C102	Tushar Kulkarni	Mumbai
	C103	Sakshi Anand	Noida
	C104	Rajeev Saxena	Delhi
	C105	Isha Choudhary	Bangalore
	C106	Kavya Menon	Hyderabad
	C107	Aarav Malhotra	Chennai
	C108	Zoya Qureshi	Mumbai
	C109	Harsh Vora	Pune
	C110	Ritika Rawat	Hyderabad
	C111	Saurabh Mishra	Noida
clients 26 x			

**Q9.** Display the details of properties listed after 31 June 2024

**Query:** select \* from properties where listed\_Date >= '2024-07-01' ;



	propertyID	title	loc	city	type	size	price	listed_Date	P_status	agentID
▶	P001	Villa in Sector 49	Sector 49, Noida	Noida	Villa	2200	19800000.00	2024-07-28	Available	AG007
	P003	Villa in HSR Layout	HSR Layout Sector 3	Bangalore	Villa	2500	24500000.00	2024-08-08	Sold	AG006
	P005	Independent Villa in Saket	Saket, Delhi	Delhi	Villa	2400	29000000.00	2024-07-09	Sold	AG013
	P007	2BHK in Malad East	Malad East, Mumbai	Mumbai	Apartment	880	8900000.00	2024-07-01	Sold	AG001
	P008	2BHK in Gachibowli	Gachibowli, Hyderabad	Hyderabad	Apartment	920	9100000.00	2024-07-02	Available	AG015
	P009	1RK Studio in Dadar	Dadar West, Mumbai	Mumbai	Apartment	450	5300000.00	2024-07-05	Available	AG012
	P011	3BHK in Kharghar	Kharghar, Navi Mumbai	Mumbai	Apartment	1050	10500000.00	2024-07-18	Sold	AG003
	P013	Luxury Villa in Jubilee Hills	Jubilee Hills, Hyderabad	Hyderabad	Villa	2800	33000000.00	2024-07-15	Available	AG011
	P016	2BHK in Wakad	Wakad, Pune	Pune	Apartment	900	8700000.00	2024-08-01	Sold	AG005
	P017	Residential Plot in Sector 71	Sector 71, Noida	Noida	Plot	1500	11800000.00	2024-08-04	Available	AG010
	P019	Villa in Bannerghatta	Bannerghatta Road	Bangalore	Villa	2700	26500000.00	2024-07-20	Available	AG018

**Q10.** Retrieve names and emails of agents with more than 5 years of experience.

**Query:** select a\_name, a\_email from agents where experience > 5 ;

	a_name	a_email
▶	Priya Sharma	priya.sharma@example.com
	Neha Singh	neha.singh@example.com
	Manish Verma	manish.verma@example.com
	Simran Kaur	simran.kaur@example.com
	Deepak Yadav	deepak.yadav@example.com
	Ritika Goyal	ritika.goyal@example.com
	Sneha Patil	sneha.patil@example.com
	Vikram Desai	vikram.desai@example.com
	Rahul Jain	rahul.jain@example.com
	Pooja Sinha	pooja.sinha@example.com
	Avesha Sheikh	avesha.sheikh@example.com

agents 28 x

**Q11.** Find all properties of type "Villa" with size > 2000 sq.ft.

**Query:** select \* from properties where type = "Villa" and size > 2000;

	propertyID	title	loc	city	type	size	price	listed_Date	P_status	agentID
▶	P001	Villa in Sector 49	Sector 49, Noida	Noida	Villa	2200	19800000.00	2024-07-28	Available	AG007
	P003	Villa in HSR Layout	HSR Layout Sector 3	Bangalore	Villa	2500	24500000.00	2024-08-08	Sold	AG006
	P004	Villa in Whitefield	Whitefield, Bangalore	Bangalore	Villa	2600	27500000.00	2024-06-10	Available	AG014
	P005	Independent Villa in Saket	Saket, Delhi	Delhi	Villa	2400	29000000.00	2024-07-09	Sold	AG013
	P013	Luxury Villa in Jubilee Hills	Jubilee Hills, Hyderabad	Hyderabad	Villa	2800	33000000.00	2024-07-15	Available	AG011
	P019	Villa in Bannerghatta	Bannerghatta Road	Bangalore	Villa	2700	26500000.00	2024-07-20	Available	AG018

**Q12.** Get client name, email, and contact for those who visited any property.

**Query:** select c\_name, c\_email, c\_phone from clients where (clientId) in (select clientID from visits);

	c_name	c_email	c_phone
▶	Bhavya Sharma	bhavya.sharma@gmail.com	9877001122
	Tushar Kulkarni	tushar.kulkarni@yahoo.com	9988771123
	Sakshi Anand	sakshi.anand@outlook.com	9765123487
	Rajeev Saxena	rajeev.saxena@gmail.com	9345001234
	Isha Choudhary	isha.choudhary@gmail.com	9123098765
	Kavya Menon	kavya.menon@rediffmail.com	9898001122
	Aarav Malhotra	aarav.malhotra@gmail.com	9012003456
	Zoya Qureshi	zoya.qureshi@hotmail.com	9887662345
	Harsh Vora	harsh.vora@yahoo.com	9876123001
	Ritika Rawat	ritika.rawat@gmail.com	9789004411
	Saurabh Mishra	saurabh.mishra@live.com	9923456712

clients 30 v



## JOINS

**Q13.** Show properties along with the names of the agents managing them.

**Query:** select propertyID ,title , a\_name from properties left join agents using (agentID);

	propertyID	title	a_name
▶	P001	Villa in Sector 49	Karan Joshi
	P002	Plot in Sector 77	Simran Kaur
	P003	Villa in HSR Layout	Anjali Chauhan
	P004	Villa in Whitefield	Divya Nair
	P005	Independent Villa in Saket	Vikram Desai
	P006	3BHK in Sector 63	Megha Bansal
	P007	2BHK in Malad East	Rohan Mehra
	P008	2BHK in Gachibowli	Siddharth Rao
	P009	1RK Studio in Dadar	Sneha Patil
	P010	Plot in Sector 50	Nikhil Dube
	P011	3BHK in Kharhar	Amit Kapoor

Result 31 x

**Q14.** List all visits with client names and property titles.

**Query:** select VisitID ,c\_name , title from visits left join clients using (clientID) left join properties using ( propertyID);

	VisitID	c_name	title
▶	V001	Ritika Rawat	Open Plot in Hinjewadi
	V002	Zoya Qureshi	Plot in Sector 77
	V003	Sakshi Anand	Residential Plot in Sector 71
	V004	Bhavya Sharma	3BHK in Sector 63
	V005	Raghav Patil	Villa in HSR Layout
	V006	Aarav Malhotra	Luxury Apartment in Baner
	V007	Rajeev Saxena	2BHK in Gachibowli
	V008	Harsh Vora	Luxury Villa in Jubilee Hills
	V009	Saurabh Mishra	Independent Villa in Saket
	V010	Kavya Menon	Plot in Shamirpet
	V011	Mohit Shetty	Villa in Sector 49

Result 32 x

**Q15.** Show deals with client names, property titles, and final deal price.

**Query:** select c\_name, title, final\_price from deals left join clients using (clientID) left join properties using ( propertyID);

	c_name	title	final_price
▶	Bhavya Sharma	Villa in HSR Layout	10450000.00
	Tushar Kulkarni	3BHK in Kharghar	8800000.00
	Sakshi Anand	Villa in Sector 49	9750000.00
	Rajeev Saxena	3BHK in Sector 63	10200000.00
	Isha Choudhary	Luxury Apartment in Baner	11250000.00
	Kavya Menon	1RK Studio in Dadar	9450000.00
	Aarav Malhotra	Open Plot in Hinjewadi	7600000.00
	Zoya Qureshi	Independent Villa in Saket	12300000.00
	Harsh Vora	Plot in Shamirpet	8950000.00
	Ritika Rawat	Villa in Whitefield	10600000.00
	Saurabh Mishra	Plot in Sector 77	9300000.00

**Q16. Which clients have bought properties? Show their name, city, and deal date.**

**Query:** select c\_name, city, deal\_date from deals left join clients using(clientID) left join properties using (propertyID);

	c_name	city	deal_date
▶	Bhavya Sharma	Bangalore	2024-08-01
	Tushar Kulkarni	Mumbai	2024-08-03
	Sakshi Anand	Noida	2024-08-04
	Rajeev Saxena	Noida	2024-08-06
	Isha Choudhary	Pune	2024-08-07
	Kavya Menon	Mumbai	2024-08-08
	Aarav Malhotra	Pune	2024-08-09
	Zoya Qureshi	Delhi	2024-08-10
	Harsh Vora	Hyderabad	2024-08-12
	Ritika Rawat	Bangalore	2024-08-13
	Saurabh Mishra	Noida	2024-08-14

**Q17. List each agent and how many properties they are managing.**

**Query:** select agentID , a\_name , count(propertyID) as properties\_managed\_by\_agents from agents left join properties using(agentID) group by agentID;

	agentID	a_name	properties_managed_by_agents
▶	AG001	Rohan Mehra	1
	AG002	Priya Sharma	1
	AG003	Amit Kapoor	1
	AG004	AG003 Singh	1
	AG005	Manish Verma	2
	AG006	Anjali Chauhan	1
	AG007	Karan Joshi	1
	AG008	Simran Kaur	1
	AG009	Deepak Yadav	1
	AG010	Ritika Goyal	1
	AG011	Alok Pandey	1

**Q18. List each client and number of properties they visited.**

**Query:** select c\_name , count(propertyID) as property\_visited from visits inner join clients using (clientID) group by clientID;

	c_name	property_visited
▶	Bhavya Sharma	2
	Tushar Kulkarni	1
	Sakshi Anand	2
	Rajeev Saxena	2
	Isha Choudhary	1
	Kavya Menon	1
	Aarav Malhotra	1
	Zoya Qureshi	2
	Harsh Vora	1
	Ritika Rawat	1
	Saurabh Mishra	1

Result 36 x

## AGGREGATES + GROUP BY

Use COUNT, SUM, AVG, etc. with GROUP BY.

### Q19. Count of properties available in each city.

**Query:** select city ,count(\*) as Available\_property from properties where P\_status ='Available'  
group by city;

	city	Available_property
▶	Noida	3
	Bangalore	3
	Hyderabad	2
	Mumbai	1
	Pune	1
	Ghaziabad	1

### Q20. Find the average deal price per property type.

**Query:** select type , avg(final\_price) from deals left join properties using (propertyID) group by type ;

	type	avg(final_price)
▶	Villa	10775000.000000
	Apartment	9666666.666667
	Plot	8616666.666667

### Q21. Show top 3 cities with the highest number of property visits.

**Query:** select city , count(visitID) as total\_visits from properties join visits using(propertyId) group by city order by total\_visits desc limit 3 ;

	city	total_visits
▶	Noida	5
	Bangalore	4
	Hyderabad	4



**Q22. Get total revenue generated by each agent (based on deals).**

**Query:** select agents.agentID , a\_name , sum(final\_price) as revenue from agents  
join properties on agents.agentID = properties.agentID  
join deals using (propertyID) group by agents.agentID,a\_name;

	agentID	a_name	revenue
▶	AG006	Anjali Chauhan	10450000.00
	AG003	Amit Kapoor	8800000.00
	AG007	Karan Joshi	9750000.00
	AG016	Megha Bansal	10200000.00
	AG009	Deepak Yadav	11250000.00
	AG012	Sneha Patil	9450000.00
	AG004	Neha Singh	7600000.00
	AG013	Vikram Desai	12300000.00
	AG002	Priya Sharma	8950000.00
	AG014	Divya Nair	10600000.00
	AG008	Simran Kaur	9300000.00

Result 40 ×

**Q23 . Number of clients per preferred city.**

**Query:** select count(clientId), preferred\_city from clients group by preferred\_city ;

	count(clientId)	preferred_city
▶	3	Pune
	3	Mumbai
	2	Noida
	2	Delhi
	2	Bangalore
	2	Hyderabad
	1	Chennai
	1	Thnae

**Q24. Find maximum property size per city.**

**Query:** select city , max(size) from properties group by city ;

	city	max(size)
▶	Noida	2200
	Bangalore	2700
	Delhi	2400
	Mumbai	1050
	Hyderabad	2800
	Pune	1600
	Ghaziabad	1700



## SUBQUERIES

Embed one query within another to filter or compare values.

**Q25. List properties that have never been visited.**

**Query:** select \* from properties where propertyID not in (select propertyID from visits);

	propertyID	title	loc	city	type	size	price	listed_Date	P_status	agentID
▶	P011	3BHK in Kharghar	Kharghar, Navi Mumbai	Mumbai	Apartment	1050	10500000.00	2024-07-18	Sold	AG003
	P200	3BHK Flat in Baner	Baner Road, Pune	Pune	Apartment	1300	8500000.00	2024-07-01	Sold	AG005
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

**Q26. Find clients who visited more than 1 property.**

**Query:** select \* from clients where clientID in(select clientID from visits group by clientID having count(distinct propertyID)>1);

	clientID	c_name	c_email	c_phone	preferred_city
▶	C101	Bhavya Sharma	bhavya.sharma@gmail.com	9877001122	Pune
	C103	Sakshi Anand	sakshi.anand@outlook.com	9765123487	Noida
	C104	Rajeev Saxena	rajeev.saxena@gmail.com	9345001234	Delhi
	C108	Zoya Qureshi	zoya.qureshi@hotmail.com	9887662345	Mumbai
	C115	Raghav Patil	raghav.patil@gmail.com	9811122233	Pune
*	NULL	NULL	NULL	NULL	NULL

**Q27. Who bought the most expensive property? Show name and deal price.**

**Query:** select c\_name ,final\_price as deal\_price from clients join deals using(clientID) where final\_price=(select max(final\_price) from deals);

	c_name	deal_price
▶	Zoya Qureshi	12300000.00

**Q28. Which agent handled the property with the highest deal?**

**Query:** select agentID , a\_name , final\_price from deals join properties using (propertyID) join agents using (agentID) where final\_price = (select max(final\_price) from deals );

	agentID	a_name	final_price
▶	AG013	Vikram Desai	12300000.00
	AG013		

**Q29. List clients who visited but never bought a property.**

**Query:** select c\_name , clientID ,visitID from clients join visits using(clientID) where clientID not in (select clientID from deals);

	c_name	clientID	visitID
▶	Mohit Shetty	C113	V011
	Shreya Tiwari	C114	V015
	Raghav Patil	C115	V005
	Raghav Patil	C115	V016



**Q30. Show all agents who managed at least 2 sold properties.**

**select agentID, a\_name from agents where agentID in (select agentID from properties  
where p\_status = 'sold' group by agentId having count(\*) >= 2);**

	agentID	a_name
▶	AG005	Manish Verma
✱	NULL	NULL