

Project On Hospital Advance Payments:

Fetch the sample data of advance payments.

Query:

```
select * from hospital_data.hospital_advance_payments;
```

	payment_id	hospital_name	patient_id	admission_date	discharge_date	advance_paid	final_bill_amount	balance_amount	reconciliation_status	payment_date
▶	2	XYZ Hospital	P1002	2024-08-21	2024-08-25	33434	41304	-7870	Pending	2024-08-21
	4	ABC Hospital	P1004	2025-04-22	2025-04-27	50495	57054	-6559	Pending	2025-04-22
	6	MediCare Hospital	P1006	2024-10-12	2024-10-20	48893	53612	-4719	Pending	2024-10-12
	10	CareWell Hospital	P1010	2024-08-17	2024-08-20	67052	68322	-1270	Pending	2024-08-17
	11	MediCare Hospital	P1011	2025-03-28	2025-04-03	25695	30749	-5054	Pending	2025-03-28

Find out Hospital wise total Patient count.

Query:

```
select hospital_name,count(*) as Total_Patient
from hospital_data.hospital_advance_payments
group by hospital_name;
```

	hospital_name	Total_Patient
▶	ABC Hospital	2007
	XYZ Hospital	2043
	MediCare Hospital	2072
	CareWell Hospital	1978
	LMN Hospital	1900

Total advance paid per hospital.

Query:

select

hospital_name,

count(*) **as** Total_cases,

sum(advance_paid) **as** Advance_paid

from hospital_data.hospital_advance_payments

group by hospital_name

order by advance_paid **Desc**;

	hospital_name	Total_cases	Advance_paid
►	MediCare Hospital	2072	123822369
	ABC Hospital	2007	121442786
	XYZ Hospital	2043	121075779
	CareWell Hospital	1978	118928600
	LMN Hospital	1900	114444350

find the null values.

Query:

select *

from hospital_data.hospital_advance_payments

where reconciliation_status **is null**;

	payment_id	hospital_name	patient_id	admission_date	discharge_d
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Hospitals with highest refund due.

Query:

SELECT

hospital_name,

sum(balance_amount) AS Total_Refund_Due

FROM

hospital_data.hospital_advance_payments

WHERE

reconciliation_status = 'Refund Due'

GROUP BY

hospital_name

ORDER BY

Total_Refund_due Desc;

	hospital_name	Total_Refund_Due
▶	MediCare Hospital	5338342
	CareWell Hospital	5222138
	XYZ Hospital	5034603
	ABC Hospital	4792166
	LMN Hospital	4558892

Cases pending reconciliation.

Query:

SELECT

* FROM hospital_data.hospital_advance_payments

where reconciliation_status = 'Pending';

	payment_id	hospital_name	patient_id	admission_date	discharge_date	advance_paid	final_bill_amount	balance_amount	reconciliation_status	payment_date
▶	2	XYZ Hospital	P1002	2024-08-21	2024-08-25	33434	41304	-7870	Pending	2024-08-21
	4	ABC Hospital	P1004	2025-04-22	2025-04-27	50495	57054	-6559	Pending	2025-04-22
	6	MediCare Hospital	P1006	2024-10-12	2024-10-20	48893	53612	-4719	Pending	2024-10-12
	10	CareWell Hospital	P1010	2024-08-17	2024-08-20	67052	68322	-1270	Pending	2024-08-17
	11	MediCare Hospital	P1011	2025-03-28	2025-04-03	25695	30749	-5054	Pending	2025-03-28

Create Store Proceedure to get the todays data.

delimiter \$\$

CREATE PROCEDURE get_todays_report()

begin

select *

from hospital_data.hospital_advance_payments

where admission_date = curdate();

end \$\$

delimiter ;

call get_todays_report();

	payment_id	hospital_name	patient_id	admission_date	discharge_date	advance_paid	final_bill_amount	balance_amount	reconciliation_status	payment_date
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Create Store Proceedure to get the particular month or years data.

Query:

delimiter \$\$

create procedure yearmonth(in year_name int,in month_name int)

begin

select *

from hospital_data.hospital_advance_payments

where year(admission_date)=year_name and **month**(admission_date)=month_name;

end \$\$

delimiter \$\$

call yearmonth(2025,04);

	payment_id	hospital_name	patient_id	admission_date	discharge_date	advance_paid	final_bill_amount	balance_amount	reconciliation_status	payment_date
►	4	ABC Hospital	P1004	2025-04-22	2025-04-27	50495	57054	-6559	Pending	2025-04-22
	9	XYZ Hospital	P1009	2025-04-21	2025-04-28	33396	26435	6961	Refund Due	2025-04-21
	12	MediCare Hospital	P1012	2025-04-22	2025-04-25	69615	62197	7418	Refund Due	2025-04-22
	28	CareWell Hospital	P1028	2025-04-13	2025-04-16	26175	19767	6408	Refund Due	2025-04-13
	30	ABC Hospital	P1030	2025-04-07	2025-04-15	70019	79545	-9526	Pending	2025-04-07