

9. SELECT Subject,
 enrolled_students
 CASE WHEN enrolled_students >= 25 THEN 'Large'
 WHEN enrolled_students BETWEEN 10 AND
 24 THEN 'Medium'
 ELSE 'Small'
 END AS class_size_category
 FROM classes;

Subject	enrolled Students	class size category
Math	30	Large
English	25	Large
Science	15	Medium
Art	5	Small
History	20	Medium

10. SELECT payment_id,
 amount,
 payment-method
 CASE WHEN payment-method = 'Cash' AND
 amount >= 200 THEN
 'Eligible for Discount'
 ELSE 'Not Eligible'
 END AS discount_eligibility
 FROM payments;

payment_id	payment-method	amount	discount_eligible
1	Card	50.00	Not Eligible
2	Cash	200.00	Eligible for D
3	Card	150.00	Not Eligible
4	Paypal	75.00	Not Eligible
5	Cash	300.00	Eligible for D

FROM attendance;

student_id	attendance_percentage	attendance_Status
1	90.0	Excellent
2	60.0	Needs Improvement
3	96.0	Excellent
4	50.0	Needs Improvement
5	100.0	Excellent

8. SELECT product_id,

stock_qty

CASE WHEN stock_qty = 0 THEN 'Out of Stock'

WHEN stock_qty BETWEEN 1 AND 4 THEN

'Low Stock'

ELSE 'In Stock'

END AS stock_Status

FROM products_inventory;

product_id	stock_qty	stock_Status
1	5	In Stock
2	0	Out of Stock
3	25	In Stock
4	10	In Stock
5	3	Low Stock

delivery id	delivery time minutes	performance
1	45	On Time
2	80	late
3	30	Fast
4	65	Late for
5	100	Late

6. SELECT issue-type,
priority
CASE WHEN priority = 3 THEN 'High'
WHEN priority = 2 THEN 'Medium'
WHEN priority = 1 THEN 'Low'
END AS priority-label
FROM tickets;

issue-type	priority	priority-label
Login issue	1	Low
Server down	3	High
Slow system	2	Medium
Email error	2	Medium
Password reset	1	Low

7. SELECT student-id,
(days-present * 100 / total-days) AS
attendance-percentage,
CASE WHEN (days-present * 100 / total-days) ≥ 90
THEN 'Excellent'
WHEN (days-present * 100 / total-days) BETWEEN
75 AND 89 THEN 'Good'
ELSE AS 'Needs Improvement'
END AS attendance-status

• SELECT Student_name,
 Score
 CASE WHEN Score >= 90 THEN 'A'
 WHEN Score BETWEEN 80 AND 89 THEN 'B'
 WHEN Score BETWEEN 70 AND 79 THEN 'C'
 WHEN Score BETWEEN 60 AND 69 THEN 'D'
 ELSE 'F'
 END AS grade
 FROM Students;

Student name	Score	grade
Anna	92	A
Ben	76	C
Cara	59	F
David	83	B
Ella	68	D

• SELECT delivery_id,
 delivery_time_minutes
 CASE WHEN delivery_time_minutes ≤ 30 THEN
 'Fast'
 WHEN delivery_time_minutes BETWEEN 31 AND 60
 THEN 'On Time'
 ELSE 'Late'
 END AS performance
 FROM deliveries;