Monthly delay report :

SELECT YEAR(travel.tr\_departure\_date), MONTHNAME(travel.tr\_departure\_date), SEC\_TO\_TIME(SUM(travel.tr\_delay)), SEC\_TO\_TIME(AVG(travel.tr\_delay)) FROM `travel`

GROUP BY YEAR(travel.tr\_departure\_date), MONTH(travel.tr\_departure\_date)

Annual sales report :

SELECT YEAR(payment.p\_date), SUM(payment.p\_amount), ROUND(AVG(payment.p\_amount),2) FROM `payment`

GROUP BY YEAR(payment.p\_date)

Monthly satisfaction report :

SELECT YEAR(ticket.ticket\_departure\_date), MONTHNAME(ticket.ticket\_departure\_date), ROUND(AVG(ticket.ticket\_satisfaction),2) FROM `ticket`

GROUP BY YEAR(ticket.ticket\_departure\_date), MONTH(ticket.ticket\_departure\_date)

Monthly sales report :

SELECT YEAR(payment.p\_date), MONTHNAME(payment.p\_date), SUM(payment.p\_amount), ROUND(AVG(payment.p\_amount),2) FROM `payment`

GROUP BY YEAR(payment.p\_date), MONTH(payment.p\_date)

Travel sales report :

SELECT travel.tr\_departure\_station, travel.tr\_arrival\_station, SUM(payment.p\_amount) FROM travel

INNER JOIN assign ON assign.travel\_id = travel.travel\_id

INNER JOIN ticket ON assign.ticket\_id = ticket.ticket\_id

INNER JOIN payment ON payment.payment\_id = ticket.payment\_id

GROUP BY travel.tr\_departure\_station, travel.tr\_arrival\_station