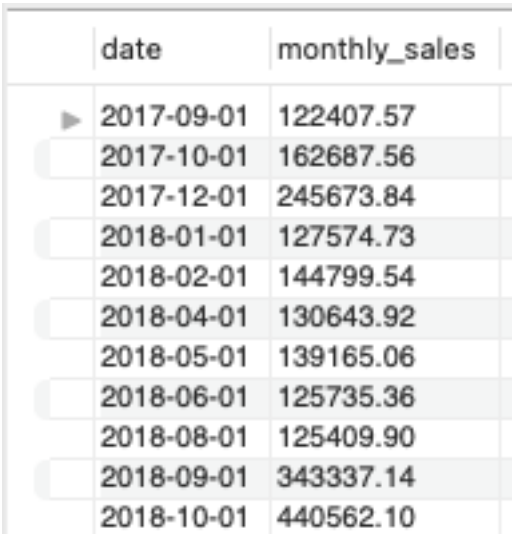
1. Generate monthly gross sales report for Croma India for all the years

```
SELECT
  s.date,
    SUM(ROUND(s.sold_quantity*g.gross_price,2)) as monthly_sales
FROM fact_sales_monthly s
JOIN fact_gross_price g
ON g.fiscal_year=get_fiscal_year(s.date) AND g.product_code=s.product_code
WHERE
   customer_code=90002002
GROUP BY date;
```

Query Result:



date	monthly_sales
2017-09-01	122407.57
2017-10-01	162687.56
2017-12-01	245673.84
2018-01-01	127574.73
2018-02-01	144799.54
2018-04-01	130643.92
2018-05-01	139165.06
2018-06-01	125735.36
2018-08-01	125409.90
2018-09-01	343337.14
2018-10-01	440562.10

2. Generate monthly gross sales report for any customer using stored procedure

```
CREATE PROCEDURE `get_monthly_gross_sales_for_customer`(
in_customer_codes TEXT
)
BEGIN
SELECT
        s.date,
        SUM(ROUND(s.sold_quantity*g.gross_price,2)) as monthly_sales
FROM fact_sales_monthly s
JOIN fact_gross_price g
            ON g.fiscal_year=get_fiscal_year(s.date)
        AND g.product_code=s.product_code
```

```
WHERE
        FIND_IN_SET(s.customer_code, in_customer_codes) > 0
GROUP BY s.date
ORDER BY s.date DESC;
END
```

Name: get_monthly_gross_sales_for_customer

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `get_monthly_gross_sales_for_customer`(
c_code INT)
BEGIN
select s.date,
sum(round(g.gross_price * s.sold_quantity,2)) as gross_price_total
from fact_sales_monthly s
join fact_gross_price g
on
g.product_code=s.product_code
and
g.fiscal_year=get_fiscal_year(s.date)
where customer_code=c_code  -- parameter passed
group by s.date
order by s.date asc;
END
```

3.Finding total sold quantity for Indian Market

```
SELECT c.market,sum(sold_quantity) as total_qty
FROM fact_sales_monthly s
JOIN dim_customer c
on s.customer_code = c.customer_code
WHERE get_fiscal_year(s.date)=2021 and c.market="India"
GROUP BY c.market;
```

market	total_qty
India	13751429