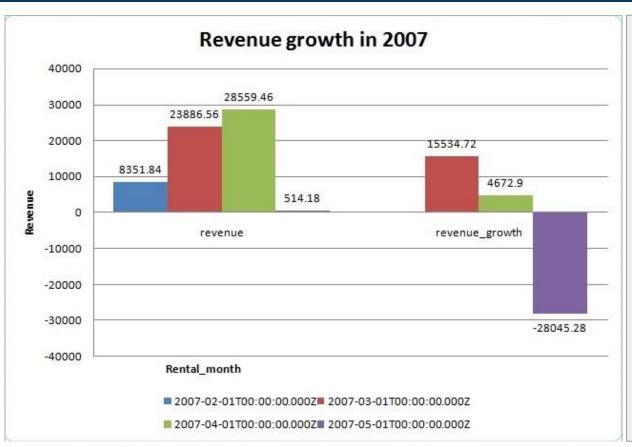
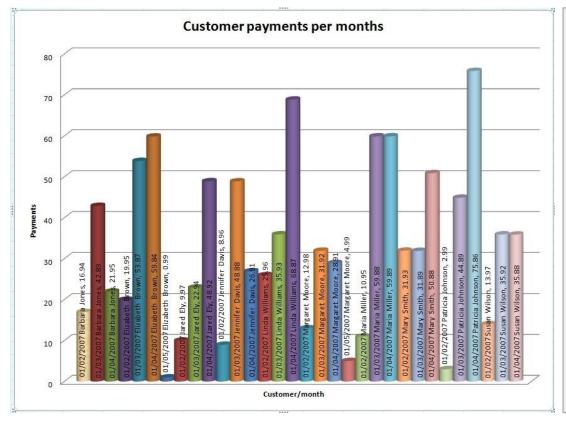
What was the revenue growth in 2007?



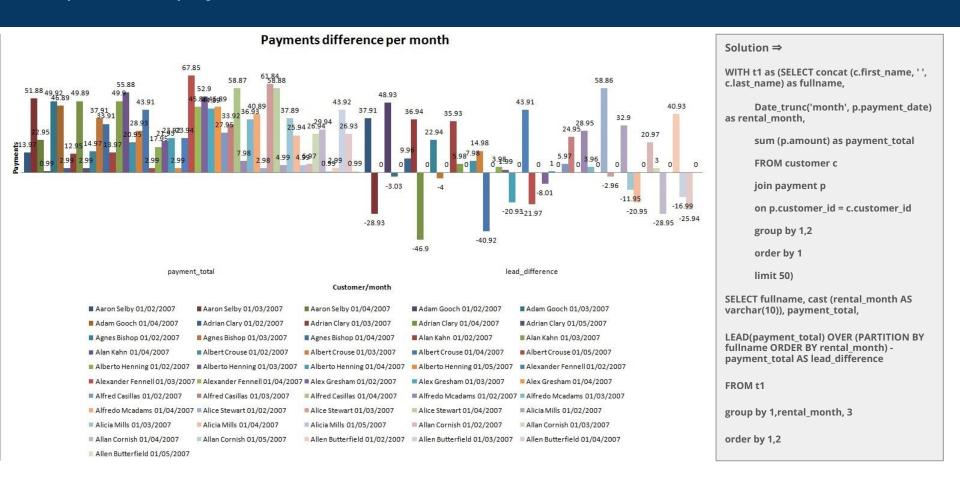
Solution ⇒ WITH t1 as (select Date trunc('month', p.payment_date) as rental_month, sum (p.amount) as revenue FROM payment p group by 1 order by 1) SELECT rental month, revenue, LAG(revenue) OVER (ORDER BY rental month) AS lag. revenue - LAG(revenue) OVER (ORDER BY rental month) AS revenue growth FROM t1 group by 1,2 order by 1

What are the names and the payments of the top 10 new customers?



```
Solution ⇒
WITH t1 as (select c.customer id, concat(c.first name, ' ',
c.last name) as fullname
        FROM customer c
         order by create date desc
        limit 10)
select cast (Date_trunc('month', p.payment_date) AS
varchar(10)) as payment month,
t1.fullname,
sum (p.amount) as payment total
FROM payment p
JOIN t1
on p.customer id = t1.customer id
group by 1,2
order by 2
```

Compare the payment amounts in each successive month for 50 customers



Business growth: how many movies were rented? Divide the amount into 4 quarters

