Sales Analysis

Analysis

- Find the products that have offered the maximum discounts
- Find the upper and lower discount limit offered for any product
- What is the sales contribution by the customers and discount offered

Find the products that have offered the maximum discounts

select distinct productid, discountpct from
sales_order_details sod join sales_order_header soh
on sod.salesorderid = soh.salesorderid
where discountpct = "0.02"
order by productid;

Output: 10 Records

716   0.02, 779   0.02, 781   0.02, 784   0.02, 860
0.02, 873   0.02, 874   0.02, 961   0.02, 965   0.02
999   0.02

Find the upper and lower discount limit offered for any product

```
select distinct productid, discountpct from
sales_order_details sod join sales_order_header soh
on sod.salesorderid = soh.salesorderid
order by productid;
```

Total - 10 Records (0.02 and 0.0)

716   0.0 to 0.02, 779   0.0 to 0.02, 781   0.0 to 0.02, 784
0.0 to 0.02, 860   0.0 to 0.02, 873 0.0 to 0.02, 874   0.0
to 0.02, 961   0.0 to 0.02, 965 0.0 to 0.02,
999   0.0 to 0.02,

What is the sales contribution by the customers and discount offered

```
select soh.CustomerID , sum(soh.SubTotal) subtotal,
sum(soh.TaxAmt) Taxamt,sum(soh.Freight) Freight,
sum(sod.DiscountPct) discountpercent,sum(soh.TotalDue)
Totaldue
from sales_order_details sod join sales_order_header soh
on sod.salesorderid = soh.salesorderid
group by soh.CustomerID
order by Totaldue desc;
```