

```
-- CATEGORIES
```

```
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-----  
create temp table categories_temp_1 as
```

```
select  
categories.CategoryID as ID,  
categories.CategoryName as categories,  
count(products.ProductName) as total_products,  
sum(products.UnitPrice) as total_worth,  
sum(products.UnitsInStock) as In_stocks,  
sum(products.Discontinued) as Discontinued,  
min(products.UnitPrice) as cheapest,  
max(products.UnitPrice) as most_expensive,  
round(avg(products.UnitPrice), 2) as average  
  
from Categories  
join Products on products.CategoryID = categories.CategoryID  
group by categories.CategoryID;
```

```
create temp table categories_temp_2 as
```

```
select  
'Total',  
count(categories_temp_1.categories),  
sum(categories_temp_1.total_products),  
sum(categories_temp_1.total_worth),  
sum(categories_temp_1.In_stocks),  
sum(categories_temp_1.Discontinued),  
sum(categories_temp_1.cheapest),  
sum(categories_temp_1.most_expensive),  
sum(categories_temp_1.average)
```

```
from categories_temp_1;
```

```
create temp table categories_temp as
```

```
select * from categories_temp_1  
UNION  
select * from categories_temp_2;
```

```
-----  
CREATE temp TABLE avg_table AS
```

```
SELECT  
products.ProductName as product,  
categories.CategoryName as categories,  
products.UnitPrice as unit_price,  
categories_temp.average as average ,  
case  
when products.UnitPrice > categories_temp.average  
then "Above average"  
when products.UnitPrice < categories_temp.average  
then "Below avrerage"  
when products.UnitPrice = categories_temp.average
```

```
then "Equal to average"
end as Compare_with_Avg
```

```
from Products
join Categories on Products.CategoryID = categories.CategoryID
join categories_temp on products.CategoryID = categories_temp.ID;
```

```
-----
select * from categories_temp;
select * from categories_temp_1;
select * from categories_temp_2;
select * from avg_table;
SELECT * FROM categories;
select * from Products;
drop table Categories_temp;
drop table Categories_temp_1;
drop table Categories_temp_2;
drop table avg_table;
```

```
-----
-- territories
-----
```

```
drop table territories_temp;
```

```
create temp table territories_temp as
```

```
select
Territories.TerritoryID,
Territories.TerritoryDescription ,
Regions.RegionDescription
from Territories
join Regions on Territories.RegionID == Regions.RegionID
;
```

```
select * from territories_temp;
```

```
select * from Territories;
select * from Regions;
```