Project: Car data set (analysis in uk)



```
--b. Categorize the cars on the basis of their price
--(Create as many buckets as you want as per your understanding of data) and analyze the:
select *,ntile(4) over( Partition By Price Order By Price) as Buckets
from (Select Distinct A.Year, E.model_name, (A.Price) From merc As A
Left join hyndai As B On A.price=B.price
Left join bmw AS C On B.price=C.price
Left Join Audi As D On C.price = D.price
Left Join Models As E On D.model_ID=E.model_ID )Da;
```

Results	Messages		
Year	model_name	Price	Buckets
2003	NULL	650	1
2010	NULL	1350	1
2000	NULL	1490	1
2004	NULL	1495	1
			-

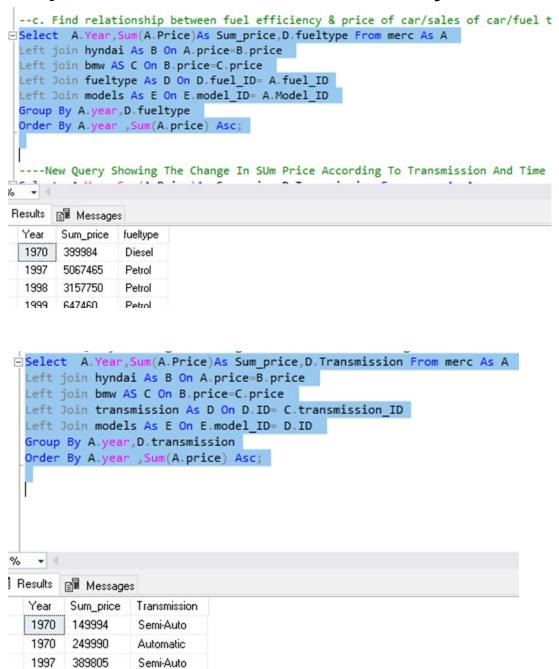
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```
--a. price changes across the years and identify the categories which has seen significant jump
□ Select A. Year, Sum(A. Price) As Sum_price, E. Model_Name From merc As A
 Left join hyndai As B On A.price=B.price
 Left join bmw AS C On B.price=C.price
 Left Join Audi As D On C.price=D.price
 Left Join models As E On D.model_ID= E.Model_ID
 Left Join cclass As F On E.model_ID=F.model_ID
 Left Join Transmission As G On F.ID=G.ID
 Group By A.year, E.Model_NAme
 Order By A.year ,Sum(A.price) Asc;
--- changes in no of cars sold across the years and identify the categories
 --which has seen significant jump in its sales
Select A.Year, Count(A.Price) As Count_price, D.Model_Name From merc As A
 Left join hyndai As B On A.price=B.price
 Left join bmw AS C On B.price=C.price
Results Messages
 Year Sum_price Model_Name
 1970 399984
  1970 399984
  1970 399984
  1997 5067465 TT
\exists --b. changes in no of cars sold across the years and identify the categories
 --which has seen significant jump in its sales
Select A.Year, Count(A.Price) As Count_price, D.Model Name From merc As A
 Left join hyndai As B On A.price=B.price
 Left join bmw AS C On B.price=C.price
 Left Join models As D On D.model ID= A.Model ID Group By A.year, D.model name
 Order By A.year ,Count(A.price) Asc;
 --c. Find relationship between fuel efficiency & price of car/sales of car/fuel type/,
∃Select A.Year,Sum(A.Price)As Sum_price,D.fueltype From merc As A
Results Ressages
        Count_price Model_Name
  1970 | 16
                     M Class
  1997
         507
                     SL CLASS
```

1998 3

SL CLASS

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