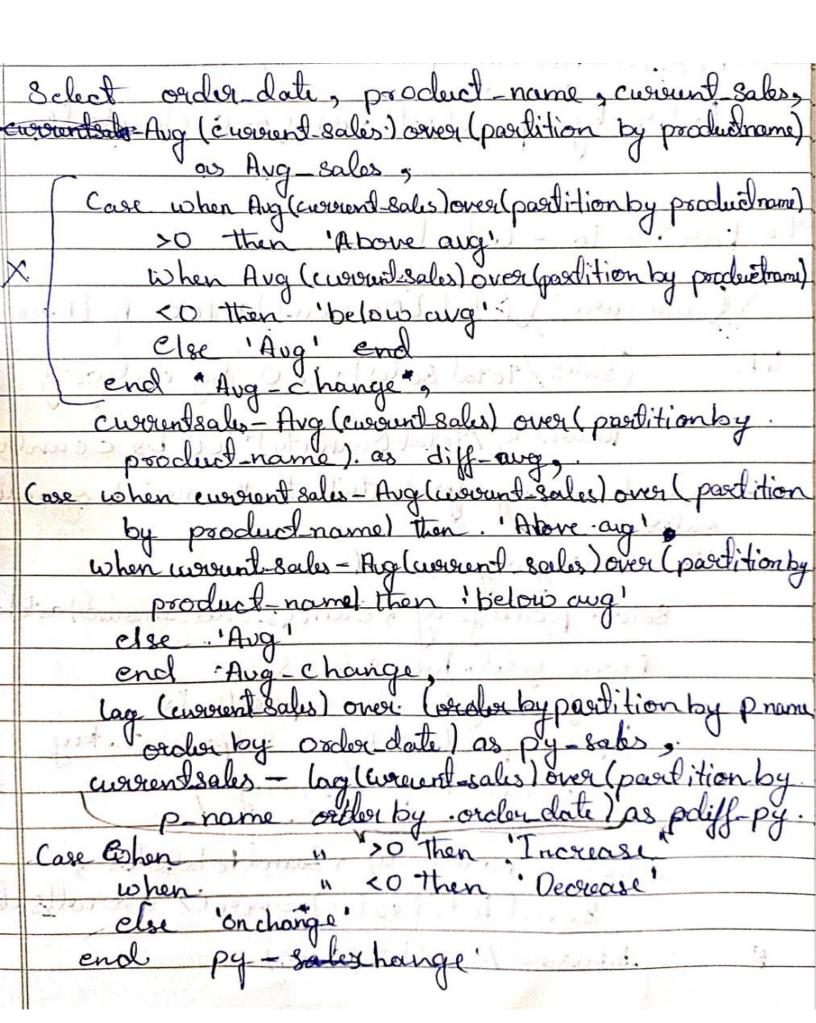
华 la Segmentation

	classmate
	Date Page
#	Thata Analytics
#	Dat. Advanced Data Analytics.
	Data Analytics Oat Advanced Data Analytices
1 .	Changes Over time Analysis
	· [Measure] By [Date Dimension]
	Total Sales by year
	Average Cort by month.
	Sn: schot date to anc (Year, order date) as order date,
	Sum (sile and A) I de date) as order date,
	Sum (sailes amont) totalsales, count (Distinct intermets)
	From gold . Sact-sales . (quantity) total quantity.
	(grovep by date trance (Year, order-date)
	Osoler by date trance (Year, order date)
9	The state of the s
2.	Cumulative Analysis.
	[Cumulative Measure] By Date Dimension?
	Running total Sales by year
—	Moving Average of Sales by month.
4	Moving Average of Sales by month. En: Select order date, total-sales,
	Sum (total sales) over (Order by order clate) as Runing to, Avy (Avg poice) over (order by order date) as moving mg.
	And Ana price) ones (order by order dat) a bai
	Colof e
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	e (a)
-	Sum (sole amount) as total sales, Avg (price) as Avg-price. From gold. Fact-Sales &
+	Hugh price las Hug-price.
	From gold. + gol-sales &

group by date tobene (month, o'eder doite) Changes Over fine Highes Listensia Pol Pol Jenensial 3. Performance Analysis my pl. 2012. Ind. current [Measure]: - Target [Measurie] like :- Average Soiles cureund Year Solus - Previous Year Sales Current Soles - Lowest Sales - thatyze the yearly performance of products by comparing their so sales to both the average sales performance of the products and the previous years sales. with yearly product sales as (Select Year (orders. order date) as order-date, P. product-name, Sum (s. saler amount) as current sales. From gold fact sales as s left join gold dim-products asp. On p. product-key = 8. product-key where s. order date is not rull Group by p. product name, Year (s. orcher date)



From yearly-product-sales Order by product-names orderdate. 4. Part - to - Whole MA: with 25 ([measure]/total [Measure])*100 By [Dimension] like (Sales/Total Sales) * 100 By category. (Quantity /total Quantity)* 100 by country. is with recategory sales (- use invention Select p. category, Sum (8. Salis_amount) as totaled.

From gold. fact_sales S.

left join gold. dim-products

on p. product-key = 8. product-key. Group by Picategory) Select category, Samt totalsales, 8 un (totalsales) over () overallsales,

conc	(Round ((cast (totalsales as float)/Sum (totalsales))*100
	2), 1%1) as pergent percentage solve
	The state of the s
	From category sol.
	Order by the second
	From category-salva Order by category totalsales & desc.
5.	Data Seam + A:
J	Data Segmentation
1:10	totaline by Measure
li Re	- total product by Sales Range
	[Measure] by [Measure] - Total product by Sales Range total Castomers by Age.
۵	
-	Segment products into cost ranges and count how many products falls into each segment.
	how more persolute falls into each and
	with and the season .
	wife products against as
$\rightarrow \parallel$	School product key, product-name, Case when cost <100 then 'Below'
+	Case when cost <100 then 'Below'
4	when cost between 100 and 500 then 100-500
	when cost between 500 and 1000 then '500-1000'
	when cost => cooo the 'Above'
	che l'Abone 1000'
	end cost-range.
	From gold.dim_products)
#	Select cost-vange, court (product-key dostotal pro
-	From proclud segment. Exoup by =total pro cost-range.
	Exoup by total pro cost-range.