

Dataset: Sample - Superstore.csv

Context: Retail Analytics

Using window functions and ANSI SQL, I analyzed a retail dataset to guide business decisions regarding discount policies, logistics, and regional priorities.

The analysis includes ranking and performance metrics to identify high-impact categories and optimize operational efficiency.

Skills demonstrated: SQL window functions, ranking, analytical queries, business optimization **Language:** SQL

Question 1 - Ranking and ordering by profit and sales

- Question 1.1 -- In the code below, a ranking of the total profits per product was made, using the windowing function "Product Name", SUM(Profit) AS Total_Profit, RANK() OVER (PARTITION BY Category ORDER BY SUM(Profit) DESC) AS Profit_R Profit_Rank int64 Total Profit float... Category object Product Name ob... -8879.9704 - 251... 1 - 1058 Office Su... 57.2% Hon Deluxe... . 0.1% Technology 22.3% Global Delu... 0.1% 1848 others 99.9% Furniture 20.5% 120 Furniture Hon 4060 Series .. 96.2856 121 121 Furniture Luxury Economy ... 94.9144 122 122 Furniture Seth Thomas 14" ... 94.7682 123 124 123 Furniture Executive Impres... 94.5152 124 Furniture Executive Impres... 93.5883 125 125 Furniture 12-1/2 Diameter ... 91.1088 126 90.1764 127 126 Furniture DMI Eclipse Exec... 127 Furniture Executive Impres... 88.458 128 128 Furniture Executive Impres... 87.9648 129 129 Furniture DAX Two-Tone Sil... 84.8056 130 of 185 > 1,850 rows, 4 cols 10 ✓ / page << C Page</p> 13 $\overline{\bot}$

Question 1.2 -- The difference between the "RANK()" and the "DENSE_RANK" is that while the first, in a tie situation, "Product Name", SUM(Profit) AS Total_Profit, DENSE_RANK() OVER (PARTITION BY Category ORDER BY SUM(Profit) DESC) AS Pr Product Name ob... Total Profit float... Profit Dense Rank Category object -8879.9704 - 251... 1 - 1052 Office Su... 57.2% Hon Deluxe... 0.1% Technology . 22.3% Global Delu 0.1% **Furniture** 1848 others 99.9% 20.5% Furniture Hon Deluxe Fabri... 1927.442 2 1 Furniture Global Deluxe Hig... 1558.591 2 Furniture Hon Pagoda Stac... 1540.704 3 3 Furniture Hon 4070 Series ... 1388.6348 4 4 Furniture Office Star - Prof... 1305.6456 5 5 Furniture Hon Olson Stacke... 1292.1264 6 7 6 Furniture GE 48" Fluoresce... 1260.221 7 Furniture Hon GuestStacke... 1233.0848 8 8 SAFCO Arc Foldin... 1179.374 9 Furniture 10 9 Furniture Hon 4070 Series ... 1052.8144 1,850 rows, 4 cols 10 V / page << < Page 1</p> of 185 > $\underline{\downarrow}$

	Segment object Consumer 51.6% Corporate 29.8% Home Offi 18.7%	Customer Name o William Bro 0.1% John Lee 0.1% 791 others 99.7%	Total_Quantity fl 2.0 - 150.0	Quantity_RowNum 1 - 409	
0	Consumer	William Brown	146	1	
1	Consumer	John Lee	143	2	
2	Consumer	Steven Cartwright	133	3	
3	Consumer	Emily Phan	124	4	
4	Consumer	Cassandra Brand	122	5	
5	Consumer	Chloris Kastensm	122	6	
6	Consumer	Lena Cacioppo	113	7	
7	Consumer	Ken Lonsdale	113	8	
8	Consumer	Seth Vernon	109	9	
9	Consumer	Clytie Kelty	108	10	

Question 2 - Variance analysis with LAG and LEAD

"Or) A	S Previous_Order_	_Profit, SUM(Prof	it) - LAG(SUM(Pr	ofit)) OVER (PAF	RTITION BY "Custo	omer Name" ORDER mer Name" ORDER E "Order Date" ORD	BY "Order Date
	Customer Name o	Order ID object	Order Date dateti	Order_Profit float	Previous_Order	Profit_Diff float64	
	Emily Phan 0.3% Chloris Kas 0.3% 791 others 99.4%	CA-2014-1 0% CA-2014-1 0% 5007 others 100%	2014-01-03 00:0	-6892.3748 - 876	-6892.3748 - 876	-8759.8299 - 872	
0	Aaron Bergman	CA-2014-152905	2014-02-18 00:0	-2.5248	Nan	Nan	
1	Aaron Bergman	CA-2014-156587	2014-03-07 00:0	15.0033	-2.5248	17.5281	
2	Aaron Bergman	CA-2016-140935	2016-11-10 00:00	116.868	15.0033	101.8647	
3	Aaron Hawkins	CA-2014-122070	2014-04-22 00:0	124.7869	Nan	Nan	
4	Aaron Hawkins	CA-2014-113768	2014-05-13 00:0	24.7992	124.7869	- 99.9877	
5	Aaron Hawkins	US-2014-158400	2014-10-25 00:0	18.528	24.7992	-6.2712	
6	Aaron Hawkins	CA-2014-157644	2014-12-31 00:0	20.1681	18.528	1.6401	
7	Aaron Hawkins	CA-2015-130113	2015-12-27 00:0	136.557	20.1681	116.3889	
8	Aaron Hawkins	CA-2016-162747	2016-03-20 00:0	38.038	136.557	-98.519	
9	Aaron Hawkins	CA-2017-164000	2017-12-18 00:00	2.338	38.038	- 35.7	

r		* *			,	Y "Customer Name" R BY "Order Date"	
-	SUM(Quantity) AS	S Quantity_Diff F	ROM 'Sample - Su	perstore.csv' GRC	OUP BY "Customer	Name", "Order ID"	, "Order Dat
	Customer Name o	Order ID object	Order Date dateti	Order_Quantity fl	Next_Order_Qua	Quantity_Diff floa	
	Emily Phan 0.3% Chloris Kas 0.3% 791 others 99.4%	CA-2014-1 0% CA-2014-1 0% 5007 others 100%	2014-01-03 00:0	1.0 - 52.0	1.0 - 52.0	-44.0 - 50.0	
)	Aaron Bergman	CA-2014-152905	2014-02-18 00:0	2	7	5	
1	Aaron Bergman	CA-2014-156587	2014-03-07 00:0	7	4	-3	
2	Aaron Bergman	CA-2016-140935	2016-11-10 00:00	4	Nan	Nan	
3	Aaron Hawkins	CA-2014-122070	2014-04-22 00:0	11	8	-3	
1	Aaron Hawkins	CA-2014-113768	2014-05-13 00:0	8	4	-4	
5	Aaron Hawkins	US-2014-158400	2014-10-25 00:0	4	6	2	
3	Aaron Hawkins	CA-2014-157644	2014-12-31 00:0	6	11	5	
7	Aaron Hawkins	CA-2015-130113	2015-12-27 00:0	11	7	-4	
3	Aaron Hawkins	CA-2016-162747	2016-03-20 00:0	7	7	0	
9	Aaron Hawkins	CA-2017-164000	2017-12-18 00:00	7	Nan	Nan	

- Question 2.3 -- In the code below we use the LAG() and LEAD() functions in the "Sales" column to indicate the total sa "Order ID". "Order Date", SUM(Sales) AS Order_Sales, LAG(SUM(Sales)) OVER (PARTITION BY "Customer Name" ORDER BY "Order Date", "Ord) AS Previous_Sales, LEAD(SUM(Sales)) OVER (PARTITION BY "Customer Name" ORDER BY "Order Date", "Order ID") AS Next_Sales FROM 'Sample - Superstore.csv' GROUP BY "Customer Name", "Order ID", "Order Date") SELECT * FROM CustomerSales WHERE (Previous_Sales IS NOT NULL AND ABS(Order_Sales - Previous_Sales) > 500) OR (Next_Sal Order Date dateti... Order_Sales float... Previous_Sales fl... Next Sales float64 Customer Name o.. Order ID object 2014-01-06 00:0... 0.556 - 23661.228 0.556 - 23661.228 0.556 - 18336.73... CA-2014-1... 0% Anna H Ber... 0.4% Laura Arm... 0.4% CA-2015-1... 0% - SINTALIS 2271 others . 99.9% 583 others 99.1% Aaron Hawkins CA-2014-157644 2014-12-31 00:0... 53.67 49.408 991.26 991.26 Aaron Hawkins CA-2015-130113 2015-12-27 00:0... 53.67 1 86.45 2 Aaron Hawkins CA-2016-162747 2016-03-20 00:0... 86.45 991.26 18.704 3 CA-2017-113481 2017-01-02 00:0... 740.214 477.666 1476.27 Aaron Smayling 4 Aaron Smayling CA-2017-162691 2017-08-01 00:0... 1476.27 740.214 88.074 5 Aaron Smayling US-2017-147655 2017-09-04 00:0... 88.074 1476.27 171.288 6 Adam Bellavance CA-2016-161207 2016-08-29 00:0... 27.93 334.2 4438.686 Adam Bellavance CA-2016-129714 2016-09-01 00:0... 4438.686 27.93 79.99 4438.686 20.736 8 Adam Bellavance CA-2017-159688 2017-05-07 00:0... 9 Adam Bellavance CA-2017-118213 2017-11-05 00:00... 240.15 20.736 2595.388 2,273 rows, 6 cols 10 V << < Page 1</p> of 228 > >> $\overline{\downarrow}$ / page

Question 3 - Statistics with SUM, COUNT and AVG in windows

- Question 3.1 -- In the code below we use the frame "ROWS BETWEEN 2 PRECEDING AND CURRENT ROW" to select the total prof "Order ID", "Order Date", SUM(Profit) AS Order_Profit, AVG(SUM(Profit)) OVER (PARTITION BY State ORDER BY "Order Date", "Order ID" State object Order ID object Order Date dateti... Order_Profit float... MOVING_Avg_Pr... -6892.3748 - 876... -2305.87763333... California . 20.4% CA-2014-1... 0% 2014-01-03 00:0... New York 11.2% US-2014-11... 0% 47 others 68.4% 5007 others ... 100% Alabama CA-2014-124023 2014-04-07 00:0... 2.7776 2.7776 1 Alabama US-2014-118997 2014-04-08 00:0.. 316.1392 159.4584 2 121.8326 Alabama CA-2014-143840 2014-05-22 00:0... 444.6902 3 Alabama CA-2014-110408 2014-10-18 00:0... 269.1368 4 Alabama CA-2014-163013 2014-11-28 00:0... 3.9609 165.0773667 5 CA-2014-120768 240.6027 229.7512667 Alabama 2014-12-19 00:0... 6 Alabama CA-2014-153087 2014-12-27 00:0... 195.9808 146.8481333 7 Alabama CA-2015-134257 2015-03-16 00:0... 244.2543 226.9459333 8 Alabama CA-2015-121552 2015-03-22 00:0... 5.4768 148.5706333 9 CA-2015-104941 198.6718 Alabama 2015-06-13 00:0... 346.2843 of 501 > >> $\overline{\psi}$ 5,009 rows, 5 cols 10 V / page << < Page 1</p>

	der Date", SUM(S S Sales_Last4Ord	,		' GROUP BY "Custo	omer Name", "Orde	er ID", "Order Date" ORDER BY "C
	Customer Name o Emily Phan 0.3%	Order ID object CA-2014-1 0%	Order Date dateti 2014-01-03 00:0	Order_Sales float 0.556 - 23661.228	Sales_Last4Orders 0.852 - 25035.082	
	Chloris Kas 0.3% 791 others 99.4%	CA-2014-1 0% 5007 others 100%				
0	Aaron Bergman	CA-2014-152905	2014-02-18 00:0	12.624	Nan	
1	Aaron Bergman	CA-2014-156587	2014-03-07 00:0	309.592	12.624	
2	Aaron Bergman	CA-2016-140935	2016-11-10 00:00	563.94	322.216	
3	Aaron Hawkins	CA-2014-122070	2014-04-22 00:0	257.752	Nan	
4	Aaron Hawkins	CA-2014-113768	2014-05-13 00:0	287.456	257.752	
5	Aaron Hawkins	US-2014-158400	2014-10-25 00:0	49.408	545.208	
6	Aaron Hawkins	CA-2014-157644	2014-12-31 00:0	53.67	594.616	
7	Aaron Hawkins	CA-2015-130113	2015-12-27 00:0	991.26	648.286	
8	Aaron Hawkins	CA-2016-162747	2016-03-20 00:0	86.45	1381.794	
9	Aaron Hawkins	CA-2017-164000	2017-12-18 00:00	18.704	1180.788	
009	rows, 5 cols 10 🗸	/ page	≪ < Pa	age 1 of 501 >	· »	
- (2 "Or "Su SE	Question 3.3 I der Date", b-Category" FROM LECT "Sub-Catego der ID",	n the code below, 'Sample - Supers	a CTE was creat	ed with the object	ctive of grouping Order Date", "Sub	o-Category"
- ("Or "Su SE	Question 3.3 I der Date", b-Category" FROM LECT "Sub-Catego der ID",	n the code below, 'Sample - Supers	a CTE was creat	ed with the object	ctive of grouping Order Date", "Sub	o-Category"
- (2 "Or "Su SE	Question 3.3 I dder Date", b-Category" FROM ELECT "Sub-Catego der ID", der Date", COUNT	n the code below, 'Sample - Supers ry", ("Order ID") OVER	a CTE was creat	BY "Order ID", "C	ctive of grouping Order Date", "Sub	o-Category"
- (2 "Or "Su SE	Question 3.3 I der Date", b-Category" FROM ELECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13%	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1%	a CTE was created actore.csv' GROUP (PARTITION BY Order Date dateti 2014-01-03 00:0	BY "Order ID", "C" "Sub-Category" OF Cumulative_Orders	ctive of grouping Order Date", "Sub	o-Category"
<i>Q</i> "0r "Su SE "0r	Question 3.3 I Ider Date", Ib-Category" FROM ILECT "Sub-Catego Ider ID", Ider Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6%	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8%	a CTE was created a CTE was cr	BY "Order ID", "C "Sub-Category" OF Cumulative_Orders 1-1316	ctive of grouping Order Date", "Sub	o-Category"
- <i>Q</i> "0r "Su SE "0r "0r	Question 3.3 I der Date", bb-Category" FROM LECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405	a CTE was creat store.csv' GROUP (PARTITION BY Order Date dateti 2014-01-03 00:0	BY "Order ID", "O" "Sub-Category" OF Cumulative_Orders 1-1316	ctive of grouping Order Date", "Sub	o-Category"
Q""Or""Su SE""Or""Or	Duestion 3.3 I der Date", bb-Category" FROM ELECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405 CA-2014-162775	a CTE was creat store.csv' GROUP C (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0	"Sub-Category" OF Cumulative_Orders 1-1316	ctive of grouping Order Date", "Sub	o-Category"
- Q"0r"SE"0r"0r	Ouestion 3.3 I der Date", b-Category" FROM ELECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405 CA-2014-162775 CA-2014-103366	a CTE was creat store.csv' GROUP C (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0 2014-01-15 00:0	"Sub-Category" OF Cumulative_Orders 1-1316	ctive of grouping Order Date", "Sub	o-Category"
- Q"0r"Sussession on 1 2 3	Question 3.3 I Ider Date", Ib-Category" FROM ILECT "Sub-Catego Ider ID", Ider Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories Accessories Accessories Accessories	order ID object CA-2014-103366 CA-2014-140795	a CTE was creat store.csv' GROUP (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0 2014-01-15 00:0 2014-02-01 00:0	red with the object BY "Order ID", "C "Sub-Category" OF Cumulative_Orders 1-1316 1 2 3 4	ctive of grouping Order Date", "Sub	g all products of the same subcap-Category" ate", "Order ID" ROWS BETWEEN UN
- Q"0r"Su SE"0r"0r"	Question 3.3 I der Date", bb-Category" FROM LECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories Accessories Accessories Accessories Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405 CA-2014-162775 CA-2014-103366 CA-2014-140795 CA-2014-107755	a CTE was creat store.csv' GROUP (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0 2014-01-15 00:0 2014-02-01 00:0 2014-02-07 00:0	"Sub-Category" OF Cumulative_Orders 1-1316 1 2 3 4 5	ctive of grouping Order Date", "Sub	o-Category"
- Q"Or"SE "Or"Or	Duestion 3.3 I der Date", bb-Category" FROM LECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% Accessories Accessories Accessories Accessories Accessories Accessories Accessories Accessories Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405 CA-2014-162775 CA-2014-103366 CA-2014-107755 CA-2014-107755 CA-2014-107755	a CTE was creat store.csv' GROUP (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0 2014-01-15 00:0 2014-02-01 00:0 2014-02-07 00:0 2014-02-11 00:0	"Sub-Category" OF Cumulative_Orders 1-1316 1 2 3 4 5	ctive of grouping Order Date", "Sub	o-Category"
- Q""Orr""SE ""Orr""Or	Duestion 3.3 I der Date", b-Category" FROM LECT "Sub-Catego der ID", der Date", COUNT Sub-Category ob Binders 14.4% Paper 13% 15 others 72.6% Accessories	n the code below, 'Sample - Supers ry", ("Order ID") OVER Order ID object CA-2017-1 0.1% CA-2015-1 0.1% 5007 others 99.8% CA-2014-135405 CA-2014-162775 CA-2014-103366 CA-2014-107755 CA-2014-107755 CA-2014-127614 CA-2014-121762	a CTE was creat store.csv' GROUP C (PARTITION BY Order Date dateti 2014-01-03 00:0 2014-01-13 00:0 2014-01-15 00:0 2014-02-01 00:0 2014-02-07 00:0 2014-02-11 00:0 2014-02-14 00:0	"Sub-Category" OF Cumulative_Orders 1-1316 1 2 3 4 5 6	ctive of grouping Order Date", "Sub	o-Category"

Question 4 - Reuse of windows with WINDOW clause

	egory, oduct Name",						
	es						
15	count, RANK() UVE	:R w_region_produ	ito AS Sales_Kank	, RUW_NUMBER() U	/ER w_region_prod	uto AS Sales_Rowr	num, <i>Questio</i>
	Region object	Category object	Product Name ob	Sales float64	Discount float64	Sales_Rank int64	Sales_RowNum i
	West 32%	Office Su 60.3%	Staple env 0.5%	0.444 - 22638.48	0.0 - 0.8	1 - 1896	1 - 1897
	28.5% 2 others 39.5%	Furniture 21.2% Technology 18.5%	Easy-stapl 0.5% 1848 others 99.1%				
0	Central	Furniture	HON 5400 Series	3504.9	0	1	
1	Central	Furniture	Office Star - Prof	2807.84	0	2	
2	Central	Furniture	Balt Solid Wood R	2678.94	0	3	
3	Central	Furniture	Hon Pagoda Stac	2567.84	0	4	
4	Central	Furniture	HON 5400 Series	2453.43	0.3	5	
5	Central	Furniture	Riverside Palais R	2396.2656	0.32	6	
6	Central	Furniture	Global Deluxe Hig	2001.86	0	7	
7	Central	Furniture	Hon Deluxe Fabri	1951.84	0	8	
8	Central	Furniture	Hon 4070 Series	1925.88	0	9	!
9	Central	Furniture	Global Leather an	1805.88	0	10	1

Question 5 - Temporal patterns and segmentations



- Question 5.2 -- Through the "COUNT()" function and the "ROWS BETWEEN UNBOUNDED PRECEDING AND CURRENT ROW" frame it was "Order ID". "Order Date", COUNT("Order ID") OVER (PARTITION BY "Customer Name" ORDER BY "Order Date", "Order ID" ROWS BETWEEN UNBOU Customer Name o.. Order ID object Order Date dateti... Orders_Cumulative 2014-01-03 00:0... William Bro... 0.4% CA-2017-1... 0.1% 1 - 37 0.3% CA-2017-1... . 0.1% ----791 others 99.3% 5007 others 99.7% Aaron Bergman CA-2014-152905 2014-02-18 00:0... 1 Aaron Bergman CA-2014-156587 2014-03-07 00:0... 3 CA-2014-156587 2 2 Aaron Bergman 2014-03-07 00:0... CA-2014-156587 2014-03-07 00:0... 3 Aaron Bergman 4 CA-2016-140935 2016-11-10 00:00... 6 Aaron Bergman 5 Aaron Bergman CA-2016-140935 2016-11-10 00:00... 5 6 Aaron Hawkins CA-2014-122070 2014-04-22 00:0... 2 7 CA-2014-122070 2014-04-22 00:0... 1 Aaron Hawkins Aaron Hawkins CA-2014-113768 2014-05-13 00:0... 3 9 Aaron Hawkins CA-2014-113768 2014-05-13 00:0... 4 9,994 rows, 4 cols 10 V page of 1,000 > >> $\overline{\bot}$

-- Question 5.3 -- In the code below two CTEs were created; in the first "monthly_profit" the sum of the profit per month DATE_TRUNC('month', "Order Date") AS Month, SUM(Profit) AS Monthly_Profit FROM 'Sample - Superstore.csv' GROUP BY "Custo), profit_diff AS (SELECT "Customer Name", Month, Monthly_Profit, LAG(Monthly_Profit) OVER (PARTITION BY "Customer Name" ORDER BY Month) AS Prev_Month_Profit, Monthly_Profit - LAG(Monthly_Profit) OVER (PARTITION BY "Customer Name" ORDER BY Month) AS Profit_Growth FROM monthly_) SELECT "Customer Name", Month, Monthly_Profit, Prev_Month_Profit, Prev_Month_Profit, Profit_Growth FROM profit_diff WHERE Profit_Growth IS NOT NULL ORDER BY Profit_Growth DESC LIMIT 5;

Customer Name o.. Month datetime6... Monthly_Profit fl... Prev_Month_Profit | Profit_Growth flo...

0 Tamara Chand 2016-10-01 00:0... 8762.3891 37.7204 8724.6687

1 Cindy Stewart 2017-11-01 00:00... 43.706 -6886.5095 6930.2155

2 Raymond Buch 2017-03-01 00:0... 6734.472 72.6159 6661.8561

0	Tamara Chand	2016-10-01 00:0	8762.3891	37.7204	8724.6687				
1	Cindy Stewart	2017-11-01 00:00	43.706	-6886.5095	6930.2155				
2	Raymond Buch	2017-03-01 00:0	6734.472	72.6159	6661.8561				
3	Sanjit Chand	2014-09-01 00:0	5511.8641	2.3328	5509.5313				
4	Adrian Barton	2016-12-01 00:0	4946.37	-204.4458	5150.8158				
5 rows	5 rows, 5 cols 10 ✓ / page								