FINANCE & SUPPLY CHAIN ANALYTIC USING SQL





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FINANCE ANALYTICS



Gross Sales Report 1: Monthly Product Transactions for Croma Customer in FY 21

Query

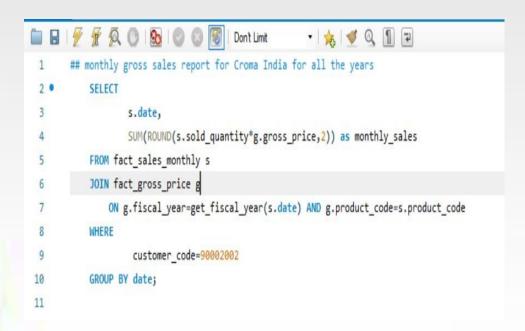
```
### Gross Sales Report: Monthly Product Transactions
      SELECT
                  s.date,
                  s.product_code,
                  p.product,
                  p.variant,
                  s.sold_quantity,
                  g.gross_price,
                  ROUND(s.sold_quantity*g.gross_price,2) as gross_price_total
           FROM fact sales monthly s
10
           JOIN dim product p
11
                  ON s.product_code=p.product_code
12
           JOIN fact_gross_price g
13
                  ON g.fiscal year=get_fiscal_year(s.date)
14
               AND g.product code=s.product code
15
16
           WHERE
                   customer code=90002002 AND
17
                  get_fiscal_year(s.date)=2021
18
19
           LIMIT 1000000;
```

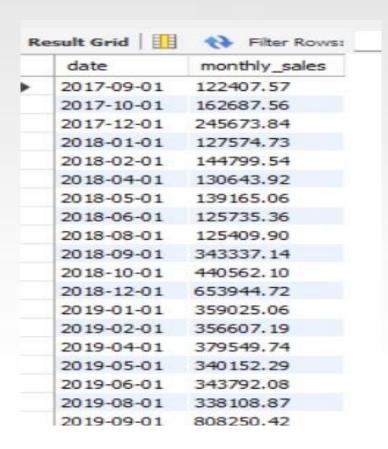
	date	product_code	product	variant	sold_quantity	gross_price	gross_price_tota
•	2020-09-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	202	19.0573	3849.57
	2020-10-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	95	19.0573	1810.44
	2020-12-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	113	19.0573	2153.47
	2021-01-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	182	19.0573	3468.43
	2021-02-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	208	19.0573	3963.92
	2021-04-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	199	19.0573	3792.40
	2021-05-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	58	19.0573	1105.32
	2021-06-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	205	19.0573	3906.75
	2021-08-01	A0118150101	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Standard	88	19.0573	1677.04
	2020-09-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	162	21.4565	3475.95
	2020-10-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	237	21.4565	5085.19
	2020-12-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	172	21.4565	3690.52
	2021-01-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	121	21.4565	2596.24
	2021-02-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	77	21.4565	1652.15
	2021-04-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	247	21.4565	5299.76
	2021-05-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	135	21.4565	2896.63
	2021-06-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	78	21.4565	1673.61
	2021-08-01	A0118150102	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Plus	196	21.4565	4205.47
	2020-09-01	A0118150103	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Premium	193	21.7795	4203.44
	2020-10-01	A0118150103	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Premium	102	21.7795	2221.51
	2020-12-01	A0118150103	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Premium	383	21.7795	8341.55
	2021-01-01	A0118150103	AQ Dracula HDD - 3.5 Inch SATA 6 Gb/s 5400 R	Premium	142	21.7795	3092.69



Gross Sales Report 2: Monthly Product Transactions for Croma Customer in FY

Query

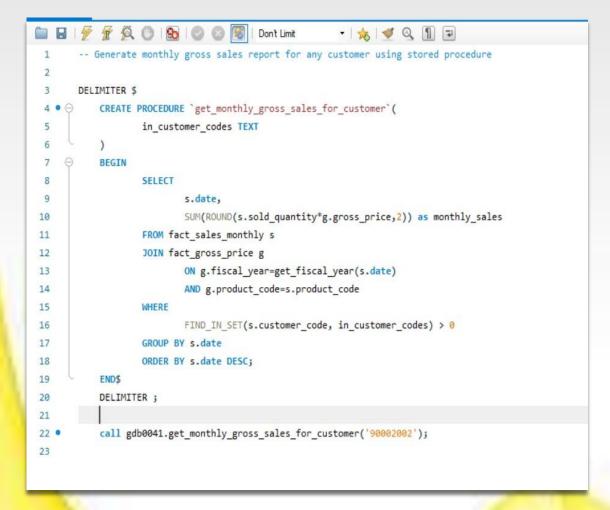






Generate monthly gross sales report for any customer using stored procedure

Query for Store Procedure



	date	monthly_sales
•	2017-09-01	122407.57
	2017-10-01	162687.56
	2017-12-01	245673.84
	2018-01-01	127574.73
	2018-02-01	144799.54
	2018-04-01	130643.92
	2018-05-01	139165.06
	2018-06-01	125735.36
	2018-08-01	125409.90
	2018-09-01	343337.14
	2018-10-01	440562.10
	2018-12-01	653944.72
	2019-01-01	359025.06
	2019-02-01	356607.19
	2019-04-01	379549.74
	2019-05-01	340152.29
	2019-06-01	343792.08
	2019-08-01	338108.87
	2019-09-01	808250.42
	2019-10-01	1092622.30
	2019-12-01	1488174.01



Stored Procedure for retrieving market badge

Market Badge logic: If total sold quantity > 5 million that market is considered "Gold" else "Silver"

Query and Result

```
9 1 2 Ont Limit
                                               · 🎋 🦸 Q 👖 🖃
                                                                                                                                                            END$
        ##Write a stored proc that can retrieve market badge. i.e. if total sold quantity > 5 million that market is considered "Gold" else "Silver"
                                                                                                                                                            DELIMITER
         CREATE PROCEDURE 'get_market_badge'(
                IN in_market VARCHAR(45),
                IN in_fiscal_year YEAR,
                OUT out level VARCHAR(45)
                                                                                                                                                      set @out_level = '0';
                 DECLARE qty INT DEFAULT 0;
10
         ## Default market is India
                                                                                                                                                      call gdb0041.get_market_badge('india', 2021, @out_level);
                 IF in_market = "" THEN
11
12
                     SET in market="India";
13
                END IF;
                                                                                                                                                      select @out_level;
14
         ## Retrieve total sold quantity for a given market in a given year
15
                     SUM(s.sold quantity) INTO qty
16
17
                FROM fact sales monthly s
18
                JOIN dim customer c
19
                ON s.customer code=c.customer code
20
                                                                                                                                                                                                           Export: Wrap Cell Content: IA
                                                                                                                                        Result Grid
                     get fiscal year(s.date)=in fiscal year AND
21
22
                    c.market=in market;
23
         ## Determine Gold vs Silver status
                                                                                                                                             @out_level
                 IF qty > 5000000 THEN
24
25
                     SET out_level = 'Gold';
26
27
                     SET out_level = 'Silver';
28
                END IF;
         END$
```



SUPPLY CHAIN ANALYTICS



Creating table fact_actuals_est which contains sold_qty and forecast qty

```
| 🐓 f 👰 🔘 | 🚱 | ⊘ 🔞 🐻 | Don't Limit
                                                       - | 🏂 | 🥩 🔍 👖 🖃
       SET GLOBAL max allowed packet = 1073741824; -- Example to set 1GB limit
       SET GLOBAL wait timeout = 28800;
       SET GLOBAL interactive_timeout = 28800;
       -- Create fact act est table
           drop table if exists fact act est;
7 .
           create table fact act est
9 .
10
11
                   select
12
                           s.date as date,
                           s.fiscal_year as fiscal_year,
13
                           s.product code as product code,
14
15
                           s.customer code as customer code,
                           s.sold_quantity as sold_quantity,
16
17
                           f.forecast quantity as forecast quantity
18
                   from
19
                           fact_sales_monthly s
20
                   left join fact forecast monthly f
21
                   using (date, customer_code, product_code)
22
23
           union
24
25
                   select
26
                           f.date as date,
                           f.fiscal_year as fiscal_year,
27
                           f.product_code as product_code,
28
                           f.customer code as customer code,
29
```

```
s.sold quantity as sold quantity,
30
                           f.forecast quantity as forecast quantity
31
32
                   from
                   fact forecast monthly f
33
                   left join fact_sales_monthly s
34
                   using (date, customer code, product code)
35
36
37
           SET SQL SAFE UPDATES = 0;
38 •
39
           update fact act est
40 .
           set sold quantity = 0
41
           where sold quantity is null;
42
43
           update fact act est
44 .
           set forecast quantity = 0
45
           where forecast quantity is null;
46
47
       SELECT * FROM gdb0041.fact act est;
49
```



Creating table fact_actuals_est which contains sold_qty and forecast qty Result

	date	fiscal_year	product_code	customer_code	sold_quantity	forecast_quantity
	2017-09-01	2018	A0118150101	70002017	51	18
	2017-09-01	2018	A0118150101	70002018	77	11
	2017-09-01	2018	A0118150101	70003181	17	9
	2017-09-01	2018	A0118150101	70003182	6	6
	2017-09-01	2018	A0118150101	70006157	5	5
	2017-09-01	2018	A0118150101	70006158	7	6
	2017-09-01	2018	A0118150101	70007198	29	4
	2017-09-01	2018	A0118150101	70007199	34	7
	2017-09-01	2018	A0118150101	70008169	22	7
	2017-09-01	2018	A0118150101	70008170	5	8
	2017-09-01	2018	A0118150101	70011193	10	5
	2017-09-01	2018	A0118150101	70011194	4	7
	2017-09-01	2018	A0118150101	70012042	0	0
	2017-09-01	2018	A0118150101	70012043	0	0
	2017-09-01	2018	A0118150101	70013125	1	2
	2017-09-01	2018	A0118150101	70013126	1	2
	2017-09-01	2018	A0118150101	70016178	1	0
	2017-09-01	2018	A0118150101	70022085	20	12
	2017-09-01	2018	A0118150101	70023031	4	1
	2017-09-01	2018	A0118150101	80001019	10	7
	2017-09-01	2018	A0118150101	80006154	10	21
	2017-09-01	2018	A0118150101	80006155	28	21
	2017-09-01	2018	A0118150101	80007195	80	62
	2017-09-01	2018	A0118150101	90001021	1	2
	2017-09-01	2018	A0118150101	90002001	42	52



Forecast Accuracy Report

```
SQL File 7*
                                                          - | 🏂 | 🥩 Q 👖 🖃
                                          Don't Limit
         -- Forecast accuracy report
            with forecast err table as (
                      select
                          s.customer_code as customer_code,
  4
                          c.customer as customer_name,
  5
  6
                          c.market as market,
                          sum(s.sold_quantity) as total_sold_qty,
                          sum(s.forecast_quantity) as total_forecast_qty,
  8
                          sum(s.forecast_quantity-s.sold_quantity) as net_error,
  9
                          round(sum(s.forecast_quantity-s.sold_quantity)*100/sum(s.forecast_quantity),1) as net_error_pct,
 10
                          sum(abs(s.forecast_quantity-s.sold_quantity)) as abs_error,
 11
 12
                          round(sum(abs(s.forecast_quantity-sold_quantity))*100/sum(s.forecast_quantity),2) as abs_error_pct
                     from fact_act_est s
 13
 14
                     join dim_customer c
                     on s.customer_code = c.customer_code
 15
 16
                     where s.fiscal year=2021
                     group by customer code
 17
 18
            select
 19
 20
                    if (abs_error_pct > 100, 0, 100.0 - abs_error_pct) as forecast_accuracy
 21
            from forecast_err_table
 22
 23
                order by forecast accuracy desc;
```



Forecast Accuracy Report

customer_code	customer_name	market	total_sold_qty	total_forecast_qty	net_error	net_error_pct	abs_error	abs_error_pct	forecast_accuracy
90013120	Coolblue	Italy	109547	133532	23985	18.0	70467	52.77	47.23
70010048	Atliq e Store	Bangladesh	119439	142010	22571	15.9	75711	53.31	46.69
90023027	Costco	Canada	236189	279962	43773	15.6	149303	53.33	46.67
90023026	Relief	Canada	228988	273492	44504	16.3	146948	53.73	46.27
90017051	Forward Stores	Portugal	86823	118067	31244	26.5	63568	53.84	46.16
90017058	Mbit	Portugal	86860	110195	23335	21.2	59473	53.97	46.03
90023028	walmart	Canada	239081	283323	44242	15.6	153058	54.02	45.98
90023024	Sage	Canada	246397	287233	40836	14.2	155610	54.18	45.82
90015146	Mbit	Norway	147152	210507	63355	30.1	114189	54.24	45.76
90013124	Amazon	Italy	110898	136116	25218	18.5	73826	54.24	45.76
90017054	Flawless Stores	Portugal	84371	114698	30327	26.4	62483	54.48	45.52
70027208	Atliq e Store	Brazil	33713	47321	13608	28.8	25784	54.49	45.51
90015147	Chiptec	Norway	154897	223867	68970	30.8	122100	54.54	45.46
80001019	Neptune	China	1113979	1275248	161269	12.6	695779	54.56	45.44
90015144	Sound	Norway	160074	225637	65563	29.1	123257	54.63	45.37
90009130	Logic Stores	Newzealand	103290	110175	6885	6.2	60225	54.66	45.34
90015149	UniEuro	Norway	142086	212500	70414	33.1	116172	54.67	45.33
90021088	Electricalslytical	United Kin	224350	323689	99339	30.7	176975	54.67	45.33
90017050	Electricalsara S	Portugal	85272	114688	29416	25.6	62760	54.72	45.28
70013125	Atliq Exclusive	Italy	101658	123428	21770	17.6	67546	54.73	45.27
90021094	Coolblue	United Kin	208512	301367	92855	30.8	165043	54.76	45.24
70009134	Atliq e Store	Newzealand	103747	110791	7044	6.4	60726	54.81	45.19
90013118	Fnac-Darty	Italy	101847	126289	24442	19.4	69242	54.83	45.17
70023031	Atliq Exclusive	Canada	234114	286297	52183	18.2	157171	54.90	45.10
90023025	Premium Stores	Canada	220808	266351	45543	17.1	146235	54.90	45.10



Store Procedure Forecast Accuracy Report

```
SQL File 7*
                        get_forecast_accuracy
                                                          - | 🏂 | 🥩 Q ¶ 🗊
                                          Don't Limit
         -- Forecast accuracy report by store procedure
            DELIMITER $
  3 ● ⊖
            CREATE PROCEDURE 'get forecast accuracy' (
                    in_fiscal_year INT
            BEGIN
  7
                 with forecast_err_table as (
                               select
                                    s.customer_code as customer_code,
 10
                                   c.customer as customer_name,
 11
                                    c.market as market,
                                    sum(s.sold_quantity) as total_sold_qty,
 12
 13
                                    sum(s.forecast quantity) as total forecast qty,
                                    sum(s.forecast_quantity-s.sold_quantity) as net_error,
 14
                                   round(sum(s.forecast quantity-s.sold quantity)*100/sum(s.forecast quantity),1) as net error pct,
 15
                                   sum(abs(s.forecast_quantity-s.sold_quantity)) as abs_error,
 16
                                    round(sum(abs(s.forecast_quantity-sold_quantity))*100/sum(s.forecast_quantity),2) as abs_error_pct
 17
 18
                               from fact act est s
 19
                               join dim customer c
                               on s.customer_code = c.customer_code
 20
 21
                               where s.fiscal year=in fiscal year
                               group by customer_code
 22
 23
                    select
 24
 25
 26
                            if (abs_error_pct > 100, 0, 100.0 - abs_error_pct) as forecast_accuracy
 27
                    from forecast_err_table
 28
                         order by forecast accuracy desc;
 29
            END$
```



Store Procedure Forecast Accuracy Report

Query and Result

```
41
                        TLOW TOLECUZE GLL CADTE
 28
                             order by forecast_accuracy desc;
 29
               END$
 30
              DELIMITER ;
 31
 32
               call gdb0041.get forecast accuracy(2021);
 33 •
                                            Export: Wrap Cell Content: IA
Result Grid
                Filter Rows:
   customer_code
                                   market
                                               total_sold_qty
                                                              total_forecast_qty
                                                                                           net_error_pct
                                                                                                          abs_error
                                                                                                                     abs_error_pct
                                                                                                                                    forecast_accuracy
                   customer_name
                                                                                net_error
   90013120
                  Coolblue
                                  Italy
                                                                                           18.0
                                                                                                                    52.77
                                                                                                                                   47.23
                                               109547
                                                              133532
                                                                                23985
                                                                                                         70467
   70010048
                  Atlig e Store
                                  Bangladesh
                                               119439
                                                              142010
                                                                                22571
                                                                                           15.9
                                                                                                         75711
                                                                                                                    53.31
                                                                                                                                   46.69
   90023027
                  Costco
                                  Canada
                                                              279962
                                                                                43773
                                                                                           15.6
                                                                                                         149303
                                                                                                                    53.33
                                                                                                                                   46.67
                                               236189
   90023026
                  Relief
                                               228988
                                                              273492
                                                                                44504
                                                                                           16.3
                                                                                                          146948
                                                                                                                    53.73
                                                                                                                                   46.27
                                  Canada
   90017051
                  Forward Stores
                                  Portugal
                                               86823
                                                              118067
                                                                                           26.5
                                                                                                         63568
                                                                                                                    53.84
                                                                                                                                   46,16
                                                                                31244
   90017058
                  Mbit
                                  Portugal
                                                                                           21.2
                                                                                                                                   46.03
                                               86860
                                                              110195
                                                                                23335
                                                                                                          59473
                                                                                                                    53.97
   90023028
                  walmart
                                  Canada
                                               239081
                                                              283323
                                                                                44242
                                                                                           15.6
                                                                                                         153058
                                                                                                                    54.02
                                                                                                                                   45.98
   90023024
                                               246397
                                                              287233
                                                                                                                                   45.82
                                  Canada
                                                                                40836
                                                                                           14.2
                                                                                                          155610
                                                                                                                    54.18
                  Sage
   90015146
                  Mbit
                                  Norway
                                               147152
                                                              210507
                                                                                63355
                                                                                           30.1
                                                                                                         114189
                                                                                                                    54.24
                                                                                                                                   45.76
   90013124
                                               110898
                                                                                25218
                                                                                           18.5
                                                                                                                    54.24
                                                                                                                                   45.76
                  Amazon
                                  Italy
                                                              136116
                                                                                                         73826
   90017054
                                  Portugal
                                               84371
                                                              114698
                                                                                30327
                                                                                           26.4
                                                                                                         62483
                                                                                                                    54.48
                                                                                                                                   45.52
                  Flawless Stores
   70027208
                  Atliq e Store
                                               33713
                                                              47321
                                                                                           28.8
                                                                                                                                   45.51
                                  Brazil
                                                                                13608
                                                                                                         25784
                                                                                                                    54.49
   90015147
                  Chiptec
                                  Norway
                                               154897
                                                              223867
                                                                                           30.8
                                                                                                                    54.54
                                                                                                                                   45.46
                                                                                68970
                                                                                                          122100
   80001019
                  Neptune
                                  China
                                               1113979
                                                              1275248
                                                                                161269
                                                                                           12.6
                                                                                                         695779
                                                                                                                    54.56
                                                                                                                                   45,44
   90015144
                  Sound
                                               160074
                                                              225637
                                                                                65563
                                                                                                                                   45.37
                                  Norway
                                                                                           29.1
                                                                                                          123257
                                                                                                                    54.63
                  . . ..
                                               *****
                                                              ****
                                                                                ----
                                                                                                          ----
                                                                                                                                    ....
Result 1 x
```



Forecast Accuracy 2020 vs 2021

```
· | 🏂 | 🥩 Q 👖 🖘
□ □ □ | \( \frac{\partial}{2} \) \( \frac{
                        # Get forecast accuracy of FY 2021 and store that in a temporary table
                       drop table if exists forecast_accuracy_2021;
                       create temporary table forecast_accuracy_2021
                       with forecast err table as (
                                              select
      5
                                                                    s.customer_code as customer_code,
                                                                    c.customer as customer name,
      8
                                                                    c.market as market,
                                                                    sum(s.sold_quantity) as total_sold_qty,
     9
                                                                    sum(s.forecast_quantity) as total_forecast_qty,
  10
  11
                                                                    sum(s.forecast_quantity-s.sold_quantity) as net_error,
                                                                    round(sum(s.forecast_quantity-s.sold_quantity)*100/sum(s.forecast_quantity),1) as net_error_pct,
  12
                                                                    sum(abs(s.forecast quantity-s.sold quantity)) as abs error,
  13
  14
                                                                    round(sum(abs(s.forecast_quantity-sold_quantity))*100/sum(s.forecast_quantity),2) as abs_error_pct
                                              from fact act est s
  15
                                              join dim customer c
  16
                                              on s.customer_code = c.customer_code
  17
                                              where s.fiscal year=2021
  18
                                              group by customer_code
  19
  20
  21
                        select
  22
  23
                                  if (abs_error_pct > 100, 0, 100.0 - abs_error_pct) as forecast_accuracy
  24
                        from
                                  forecast err table
  25
  26
                       order by forecast_accuracy desc;
```



Forecast Accuracy 2020 vs 2021

```
# Get forecast accuracy of FY 2020 and store that also in a temporary table
28
       drop table if exists forecast accuracy 2020;
 29 •
       create temporary table forecast accuracy 2020
 30 •
       with forecast_err_table as (
31
               select
32
 33
                       s.customer_code as customer_code,
                       c.customer as customer name,
 34
 35
                       c.market as market,
                       sum(s.sold_quantity) as total_sold_qty,
 36
                       sum(s.forecast_quantity) as total_forecast_qty,
 37
                       sum(s.forecast_quantity-s.sold_quantity) as net_error,
 38
                       round(sum(s.forecast_quantity-s.sold_quantity)*100/sum(s.forecast_quantity),1) as net_error_pct,
 39
 40
                       sum(abs(s.forecast_quantity-s.sold_quantity)) as abs_error,
                       round(sum(abs(s.forecast_quantity-sold_quantity))*100/sum(s.forecast_quantity),2) as abs_error_pct
 41
               from fact act est s
 42
               join dim_customer c
 43
               on s.customer_code = c.customer_code
 44
 45
               where s.fiscal year=2020
 46
               group by customer code
 47
       select
 48
 49
 50
           if (abs error pct > 100, 0, 100.0 - abs error pct) as forecast accuracy
 51
       from
           forecast err table
 52
 53
        order by forecast accuracy desc;
```



Forecast Accuracy 2020 vs 2021 Query

```
54
       -- Join forecast accuracy tables for 2020 and 2021 using a customer_code
55
       select
56 •
           f_2020.customer_code,
57
58
           f 2020.customer name,
59
           f 2020.market,
           f_2020.forecast_accuracy as forecast_acc_2020,
61
           f 2021.forecast accuracy as forecast acc 2021
       from forecast_accuracy_2020 f_2020
63
       join forecast accuracy 2021 f 2021
       on f_2020.customer_code = f_2021.customer_code
64
       where f_2021.forecast_accuracy < f_2020.forecast_accuracy
65
       order by forecast_acc_2020 desc;
66
67
```



Forecast Accuracy 2020 vs 2021

Re	esult Grid	It Grid			Export: Wrap Cell Content: IA		
	customer_code	customer_name	market	forecast_acc_2020	forecast_acc_2021		
	70006158	Atliq e Store	Philiphines	42.65	24.49		
	70008170	Atliq e Store	Australia	40.96	38.74		
	90005161	Zone	Pakistan	40.08	37.10		
	90014140	Radio Popular	Netherlands	38.53	0.00		
	90008166	Sound	Australia	38.51	36.79		
	70014143	Atliq e Store	Netherlands	38.32	0.00		
	90004062	Flawless Stores	Japan	38.22	32.56		
	90014137	Media Markt	Netherlands	37.85	0.00		
	90014138	Mbit	Netherlands	37.83	0.00		
	70004069	Atliq Exclusive	Japan	37.62	32.09		
	90014136	Reliance Digital	Netherlands	37.59	0.00		
	80006154	Synthetic	Philiphines	37.49	24.63		
	70014142	Atliq Exclusive	Netherlands	37.43	0.00		
	90014141	Amazon	Netherlands	37.39	0.00		
	90005160	Nomad Stores	Pakistan	37.30	37.29		
	90006156	Amazon	Philiphines	37.21	27.94		
	90008164	Digimarket	Australia	37.15	36.01		
	90006153	Insight	Philiphines	37.11	26.88		
	90016173	Expert	Poland	36.76	35.26		
	80006155	Novus	Philiphines	36.59	25.28		
	90019200	Sorefoz	Sweden	36.41	24.14		
	70016177	Atliq Exclusive	Poland	36.22	34.87		
	90004066	Surface Stores	Japan	36.05	33.51		
	70006157	Atliq Exclusive	Philiphines	35.84	25.20		
	90004065	Neptune	Japan	35.67	30.27		







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