1. Create new table with the correct date function

```
 8
 9    CREATE OR REPLACE TEMPORARY TABLE Sales2014 as (
10      SELECT
11        TO_DATE (DATE,'DD/MM/YYYY') as Converted_date,
12        SALES,
13        COST_OF_SALES,
14        QUANTITY_SOLD
15
16      FROM
17        SALES)
```
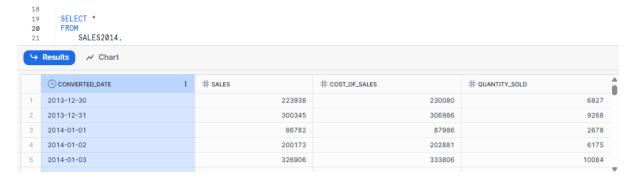
Results   Chart

status
1   Table SALES2014 successfully created.

2. New Table

```
18
19    SELECT *
20    FROM
21      SALES2014,
```

Results   Chart

	CONVERTED_DATE	SALES	COST_OF_SALES	QUANTITY_SOLD
1	2013-12-30	223938	230080	6827
2	2013-12-31	300345	306986	9268
3	2014-01-01	86782	87986	2678
4	2014-01-02	200173	202881	6175
5	2014-01-03	326906	333806	10084

3. Maximum date

```
22
23    SELECT MAX (CONVERTED_DATE)
24    FROM
25      SALES2014
```

Results   Chart

MAX (CONVERTED_DATE)
1   2016-11-16

4. Minimum Date

```
26
27    SELECT MIN (CONVERTED_DATE)
28    FROM
29      SALES2014
```
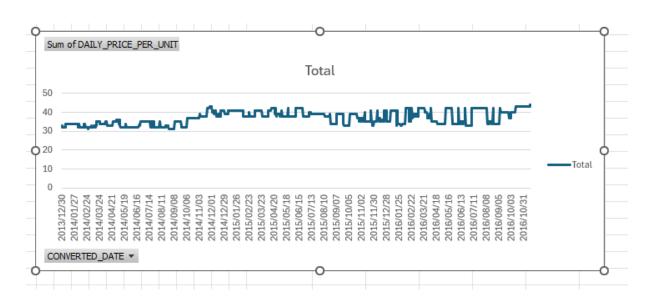
Results   Chart

MIN (CONVERTED_DATE)
1   2013-12-30

Question 1 : What is the daily sales price per unit?

Formula : $Daily\ price\ per\ unit = \dfrac{Total\ Sales}{Total\ Quantiy}$

```
38      ---- Daily Price per unit
39   SELECT
40       ROUND(SUM (SALES)/ SUM(QUANTITY_SOLD),0) AS Daily_Price_per_unit,
41       CONVERTED_DATE,
42   FROM
43       SALES2014
44   GROUP BY CONVERTED_DATE;
45
46
```

↳ **Results**   ∿ Chart

# DAILY_PRICE_PER_UNIT	⏱ CONVERTED_DATE
1	33	2013-12-30
2	32	2013-12-31
3	32	2014-01-01
4	32	2014-01-03
5	32	2014-01-04

Question 2: What is the average unit sales price of this product?

```
30
31    ----1 What is the daily sales price per unit?
32
33    SELECT
34      ROUND(SUM (SALES)/ SUM(QUANTITY_SOLD),0) AS average_unit_sales_price,
35    FROM
36        SALES2014;
37
```

↳ Results   **∕ Chart**

AVERAGE_UNIT_SALES_PRICE
35

5.   Minimum and Maximum Date

```
47
48    SELECT MAX (QUANTITY_SOLD)
49    FROM
50        SALES2014
```

↳ Results   **∕ Chart**

MAX (QUANTITY_SOLD)
26410

```
52
53    SELECT MIN (QUANTITY_SOLD)
54    FROM
55        SALES2014;
56
```

↳ Results   **∕ Chart**

MIN (QUANTITY_SOLD)
508

Question 3 :What is the daily % gross profit per unit?

```
67
68    SELECT
69        CONVERTED_DATE,
70        SALES,
71        COST_OF_SALES,
72        ((SALES-COST_OF_SALES)/SALES)* 100 AS DAILY_GROWTH_PERCENTAGE
73    FROM
74        SALES2014
75
```

↳ Results   ⋏ Chart

	CONVERTED_DATE	SALES	COST_OF_SALES	DAILY_GROWTH_PERCENTAGE
1	2013-12-30	223938	230080	-2.742700
2	2013-12-31	300345	306986	-2.211100
3	2014-01-01	86782	87986	-1.387400
4	2014-01-02	200173	202881	-1.352800
5	2014-01-03	326906	333806	-2.110700
6	2014-01-04	307044	313652	-2.152100
7	2014-01-05	179189	183083	-2.173100

Row Labels	Sum of SALES
Feb	661877
Mar	846678
Aug	717097
Grand Total	2225652