

SCHEMAS

Filter objects

sys

twitter

Tables

twitter

Views

Stored Procedures

Functions

Administration

Schemas

Information

Table: twitter

Columns:

Date

varchar(50)

Open

int

High

int

Low

int

Close

int

Volume

int

1

SELECT * FROM twitter.twitter;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

	Date	Open	High	Low	Close	Volume
▶	2013-11-22 00:00:00-05:00	42	42	41	41	6185245
	2013-11-25 00:00:00-05:00	41	41	39	39	14333375
	2013-11-26 00:00:00-05:00	39	41	39	40	9828433
	2013-11-27 00:00:00-05:00	40	41	40	41	5536322
	2013-11-29 00:00:00-05:00	41	42	41	42	4107074
	2013-12-02 00:00:00-05:00	42	42	40	41	6427386
	2013-12-03 00:00:00-05:00	41	42	41	41	5776893
	2013-12-04 00:00:00-05:00	41	44	41	44	11028953
	2013-12-05 00:00:00-05:00	43	46	43	46	11813520
	2013-12-06 00:00:00-05:00	46	46	45	45	6236232
	2013-12-09 00:00:00-05:00	46	50	45	49	17366614
	2013-12-10 00:00:00-05:00	49	53	49	52	25792002
	2013-12-11 00:00:00-05:00	52	54	51	52	26631535
	2013-12-12 00:00:00-05:00	52	56	51	55	23446870
	2013-12-13 00:00:00-05:00	56	59	55	59	38979567
	2013-12-16 00:00:00-05:00	58	60	56	57	39310848
	2013-12-17 00:00:00-05:00	57	57	55	56	22115199
	2013-12-18 00:00:00-05:00	57	57	54	56	16659776
	2013-12-19 00:00:00-05:00	55	58	55	57	13174896
	2013-12-20 00:00:00-05:00	59	60	58	60	26207420
	2013-12-23 00:00:00-05:00	60	65	60	65	22163787

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Automatic context help is displayed in the toolbar to manually get help on the current caret position or to toggle automatic help.

SCHEMAS

Filter objects

- sys
- twitter
 - Tables
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Administration Schemas

Information

Table: **twitter**

Columns:

Date	varchar(50)
Open	int
High	int
Low	int
Close	int
Volume	int

```
1  /* #1 SHOW PERCENTAGE CHANGE IN OPENING AND CLOSING STOCK PRICE ON THAT DAY
2  ROUND UP TO TWO DECIMAL PLACE */
3  • SELECT * , concat(round(((close - open) / open)*100,2),'%') as
4    percent_change_in_stockprice
5    FROM twitter.twitter ;
6
7
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



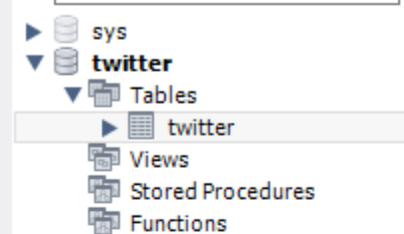
Fetch rows:



	Date	Open	High	Low	Close	Volume	percent_change_in_stockprice
▶	2013-11-22 00:00:00-05:00	42	42	41	41	6185245	-2.38%
	2013-11-25 00:00:00-05:00	41	41	39	39	14333375	-4.88%
	2013-11-26 00:00:00-05:00	39	41	39	40	9828433	2.56%
	2013-11-27 00:00:00-05:00	40	41	40	41	5536322	2.50%
	2013-11-29 00:00:00-05:00	41	42	41	42	4107074	2.44%
	2013-12-02 00:00:00-05:00	42	42	40	41	6427386	-2.38%
	2013-12-03 00:00:00-05:00	41	42	41	41	5776893	0.00%
	2013-12-04 00:00:00-05:00	41	44	41	44	11028953	7.32%
	2013-12-05 00:00:00-05:00	43	46	43	46	11813520	6.98%
	2013-12-06 00:00:00-05:00	46	46	45	45	6236232	-2.17%
	2013-12-09 00:00:00-05:00	46	50	45	49	17366614	6.52%
	2013-12-10 00:00:00-05:00	49	53	49	52	25792002	6.12%
	2013-12-11 00:00:00-05:00	52	54	51	52	26631535	0.00%
	2013-12-12 00:00:00-05:00	52	56	51	55	23446870	5.77%
	2013-12-13 00:00:00-05:00	56	59	55	59	38979567	5.36%
	2013-12-16 00:00:00-05:00	58	60	56	57	39310848	-1.72%
	2013-12-17 00:00:00-05:00	57	57	55	56	22115199	-1.75%
	2013-12-18 00:00:00-05:00	57	57	54	56	16659776	-1.75%
	2013-12-19 00:00:00-05:00	55	58	55	57	13174896	3.64%
	2013-12-20 00:00:00-05:00	59	60	58	60	26207420	1.69%

Result
GridForm
EditorField
TypesQuery
StatsExecution
Plan

Automatic context help
the toolbar to manually
current caret position
automatic h



Administration Schemas

Information

Table: twitter

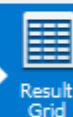
Columns:

Date	varchar(50)
Open	int
High	int
Low	int
Close	int
Volume	int

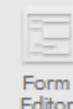
```
7
8  -- #2 Show me the month in which positive percentage change in opening and closing stock are
   maximum
9  • with ct1 as (SELECT date_format(date, '%Y %M') month , avg(open) open , avg(close) close from
   twitter
10  group by date_format(date, '%Y %M')
11  order by month ) ,
12  ct2 as (select *, concat(round(((close - open) / open)*100,2), '%') as
   percent_change_in_stockprice
13  from ct1)
14  select * from ct2
15  where percent_change_in_stockprice =(select max(percent_change_in_stockprice) from ct2) ;
16
17
```

Result Grid Filter Rows: Export: Wrap Cell Content:

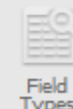
	month	open	close	percent_change_in_stockprice
▶	2013 December	54.5238	55.5714	1.92%



Result Grid



Form Editor



Field Types

Automatic context help
the toolbar to manually
current caret position
automatic h

Table: twitter

Columns:

Date varchar(50)
Open int
High int
Low int
Close int
Volume int

```
19
20 -- #3 SHOW ME THE TOP 5 DATE WHERE POSIIVE VOLUME CHANGE IS MAXIMUM
21 • with cte as (select *, dense_rank() over(order by Volm_change_prev_date desc ) rankk from (
22 select * , volume -lag(volume) over(order by date asc) Volm_change_prev_date from twitter ) b )
23 select * from cte
24 where rankk<6 ;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Date	Open	High	Low	Close	Volume	Volm_change_prev_date	rankk
▶	2022-04-04 00:00:00-04:00	48	51	47	50	269213085	257081294	1
	2022-04-14 00:00:00-04:00	48	49	45	45	258868339	214561641	2
	2016-09-23 00:00:00-04:00	22	23	21	23	192269255	176204272	3
	2014-05-06 00:00:00-04:00	36	36	32	32	134709976	124304729	4
	2018-02-08 00:00:00-05:00	34	35	30	30	162434360	113525021	5

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Automatic context help is the toolbar to manually get current caret position or automatic help

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Administration Schemas

Information

Table: twitter

Columns:

Date	varchar(50)
Open	int
High	int
Low	int
Close	int
Volume	int



```
25 -- #4 FIND 50 DAY MOVING AVERAGE OF AVERAGE STOCK PRICE OF EACH DAY
26
27 • select *, avg((close+open)/2) over(order by date asc rows between 50 preceding and current
    row)
28 50_day_opening_moving_avg from twitter
29 ;
```

Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:

	Date	Open	High	Low	Close	Volume	50_day_opening_moving_avg
▶	2013-11-22 00:00:00-05:00	42	42	41	41	6185245	41.50000000
	2013-11-25 00:00:00-05:00	41	41	39	39	14333375	40.75000000
	2013-11-26 00:00:00-05:00	39	41	39	40	9828433	40.33333333
	2013-11-27 00:00:00-05:00	40	41	40	41	5536322	40.37500000
	2013-11-29 00:00:00-05:00	41	42	41	42	4107074	40.60000000
	2013-12-02 00:00:00-05:00	42	42	40	41	6427386	40.75000000
	2013-12-03 00:00:00-05:00	41	42	41	41	5776893	40.78571429
	2013-12-04 00:00:00-05:00	41	44	41	44	11028953	41.00000000
	2013-12-05 00:00:00-05:00	43	46	43	46	11813520	41.38888889
	2013-12-06 00:00:00-05:00	46	46	45	45	6236232	41.80000000
	2013-12-09 00:00:00-05:00	46	50	45	49	17366614	42.31818182
	2013-12-10 00:00:00-05:00	49	53	49	52	25792002	43.00000000
	2013-12-11 00:00:00-05:00	52	54	51	52	26631535	43.69230769
	2013-12-12 00:00:00-05:00	52	56	51	55	23446870	44.39285714
	2013-12-13 00:00:00-05:00	56	59	55	59	38979567	45.26666667
	2013-12-16 00:00:00-05:00	58	60	56	57	39310848	46.03125000
	2013-12-17 00:00:00-05:00	57	57	55	56	22115199	46.64705882
	2013-12-18 00:00:00-05:00	57	57	54	56	16659776	47.19444444
	2013-12-19 00:00:00-05:00	55	58	55	57	13174896	47.65789474
	2013-12-20 00:00:00-05:00	59	60	58	60	26207420	48.25000000
	2013-12-23 00:00:00-05:00	60	65	60	65	22163787	48.02857143

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

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SCHEMAS

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Table: twitter

Columns:

Date

varchar(50)

Open

int

High

int

Low

int

Close

int

Volume

int

42

-- #6 PERCENTAGE CHANGE IN STOCK PRICE BETWEEN YEAR 2014 TO 2015 FOR EACH MONTH --

44

45

select * from (select substring(date,5) month , avg_month 'stock_price in 2014',

46

lead(avg_month) over(partition by substring(date,5) order by date asc) 'stock_price_in_2015',

concat(round(lead(avg_month) over(partition by substring(date,5) order by date

47

asc)/avg_month,4),'%') 'percent-change_from 2014_to_2015'

48

from (select date_format(date,'%Y%M') date , avg((open+close)/2) avg_month from twitter

49

where year(date) between 2014 and 2015

50

group by date_format(date,'%Y%M')) b) n

51

where stock_price_in_2015 is not null ;

52

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	month	stock_price in 2014	stock_price_in_2015	percent-change_from 2014_to_2015
▶	April	43.50000000	50.04761905	1.1505%
	August	45.04761905	27.69047619	0.6147%
	December	37.36363636	23.93181818	0.6405%
	February	57.05263158	46.28947368	0.8113%
	January	61.78571429	38.22500000	0.6187%
	July	39.31818182	35.06818182	0.8919%
	June	36.80952381	35.75000000	0.9712%
	March	51.50000000	48.06818182	0.9334%
	May	33.42857143	37.35000000	1.1173%
	November	40.52631579	26.70000000	0.6588%
	October	49.56521739	29.31818182	0.5915%
	September	51.50000000	27.04761905	0.5252%

Result 11

Read Only

Context Help

Snippets

Automatic context help the toolbar to manually current caret position automatic h

SCHEMAS

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Administration Schemas

```
52
53 -- #7 SHOW ME  FOR EACH MONTH CHANGE IN VOLUME WHEN PRICE PERCENTAGE CHANGE IS MAX & MIN FOR
    THAT MONTH
54 • with cte as (select * , ((close-open)/open)* 100  Percentage_change,volume - lead(volume) over(
    partition by date_format(date,'%Y %M') order by date asc) volume_chang from twitter)
55 , cte2 as (select * , max(percentage_change) over(partition by date_format(date,'%Y %M') )
    ma_x , min(percentage_change) over(partition by date_format(date,'%Y %M') ) m_in from cte
56 where volume_chang is not null )
57 select date month ,max(Volume_when_price_percent_change_is_max) "change_in_volume_when_price
    percent_change_is MAX" , min(Volumn_when_price_percent_change_is_min)
    "change_in_volume_when_price percent_change_is MIN" from ( select date_format(date,'%Y %M')
    date , case when percentage_change=ma_x  then volume_chang end
    Volume_when_price_percent_change_is_max ,
58 case when percentage_change=m_in  then volume_chang end Volumn_when_price_percent_change_is_min
    from cte2 ) a
59 group by date ;
```

Automatic context help
the toolbar to manually
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Information

Table: twitter

Columns:

Date	varchar(50)
Open	int
High	int
Low	int
Close	int
Volume	int

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

month	change_in_volume_when_price percent_change_is MAX	change_in_volume_when_price percent_change_is MIN
2013 December	-13638911	4880415
2013 November	4292111	4504942
2014 April	10365503	721240
2014 August	1588552	-3979144
2014 December	4045172	696348
2014 February	16475488	2667317
2014 January	-113910	4501761

Result 12 x

Result Grid

Form Editor

Read Only Context Help Snippets