

DAX FOR COCACOLA STOCK ANALYSIS

DASHBOARD

Query 1—latest stock price--

```
Latest Adj Close =  
CALCULATE (  
    LASTNONBLANK ( 'public coca cola_stock'[Adj Close], 1 ),  
    ALL ( 'public coca cola_stock' )  
)
```

Query 2—YTD Return --

```
YTD Return % =  
VAR StartPrice =  
    CALCULATE (  
        FIRSTNONBLANK ( 'public coca cola_stock'[Adj Close], 1 ),  
        DATESYTD ( 'public coca cola_stock'[Date] )  
    )  
VAR EndPrice =  
    CALCULATE (  
        LASTNONBLANK ( 'public coca cola_stock'[Adj Close], 1 ),  
        DATESYTD ( 'public coca cola_stock'[Date] )  
    )  
RETURN  
DIVIDE ( EndPrice - StartPrice, StartPrice ) * 100
```

Query 3--

```
Best Day Return Date =  
VAR BestReturn =  
    CALCULATE (  
        MAX ( 'public coca cola_stock'[Daily Return % Column] ),  
        FILTER (  
            ALL ( 'public coca cola_stock' ),  
            'public coca cola_stock'[Daily Return % Column] > 0 -- only positive returns  
            && 'public coca cola_stock'[Daily Return % Column] < 0.2 -- cap at +20%  
        )  
    )  
VAR BestDate =  
    CALCULATE (  
        MAX ( 'public coca cola_stock'[Date] ),  
        FILTER ( 'public coca cola_stock', 'public coca cola_stock'[Daily Return % Column] =  
            BestReturn )  
    )
```

```

    )
RETURN
"Best Return: " & FORMAT ( BestReturn, "0.0%" ) & " on " & FORMAT ( BestDate, "DD-MMM-YYYY" )

```

Query 4--

```

Worst Day Return Date =
VAR WorstReturn =
    CALCULATE (
        MIN ( 'public cocacola_stock'[Daily Return % Column] ),
        FILTER (
            ALL ( 'public cocacola_stock' ),
            'public cocacola_stock'[Daily Return % Column] < 0 -- only negative returns
            && 'public cocacola_stock'[Daily Return % Column] > -0.2 -- cap at -20%
        )
    )
VAR WorstDate =
    CALCULATE (
        MAX ( 'public cocacola_stock'[Date] ),
        FILTER ( 'public cocacola_stock', 'public cocacola_stock'[Daily Return % Column] =
WorstReturn )
    )
RETURN
"Worst Return: " & FORMAT ( WorstReturn, "0.0%" ) & " on " & FORMAT ( WorstDate, "DD-MMM-
YYYY" )

```

Query 5--Moving Avg for 7 and 30 days

```

MA_30Days =
AVERAGEX(
    DATESINPERIOD(
        'public cocacola_stock'[Date],
        LASTDATE('public cocacola_stock'[Date]),
        -30,
        DAY
    ),
    CALCULATE(AVERAGE('public cocacola_stock'[Adj Close]))
)

```

```

MA_7Days =
AVERAGEX(
    DATESINPERIOD(
        'public cocacola_stock'[Date],
        LASTDATE('public cocacola_stock'[Date]),
        -7,
        DAY
    ),

```

```

    CALCULATE(AVERAGE('public cocacola_stock'[Adj Close]))
)

```

Query 6--

```

Daily Return % =
VAR CurrClose = MAX('public cocacola_stock'[Adj Close])
VAR PrevClose =
    CALCULATE(
        MAX('public cocacola_stock'[Adj Close]),
        OFFSET(-1, ORDERBY('public cocacola_stock'[Date], ASC))
    )
RETURN
    DIVIDE(CurrClose - PrevClose, PrevClose) * 100

```

Query 7--

```

Monthly Return % =
VAR FirstClose =
    CALCULATE (
        FIRSTNONBLANK ( 'public cocacola_stock'[Adj Close], 1 ),
        ALLEXCEPT ( 'public cocacola_stock', 'public cocacola_stock'[Date].[Year], 'public
cocacola_stock'[Date].[MonthNo] )
    )
VAR LastClose =
    CALCULATE (
        LASTNONBLANK ( 'public cocacola_stock'[Adj Close], 1 ),
        ALLEXCEPT ( 'public cocacola_stock', 'public cocacola_stock'[Date].[Year], 'public
cocacola_stock'[Date].[MonthNo] )
    )
RETURN
IF (
    NOT ISBLANK ( FirstClose ) && NOT ISBLANK ( LastClose ),
    ROUND ( ( LastClose - FirstClose ) / FirstClose * 100, 2 )
)

```

Query 8--

```

Cumulative Growth % =
VAR FirstClose =
    CALCULATE(
        FIRSTNONBLANK('public cocacola_stock'[Adj Close], 1),
        ALL('public cocacola_stock')
    )
VAR CurrClose =
    MAX('public cocacola_stock'[Adj Close])
RETURN
    DIVIDE(CurrClose - FirstClose, FirstClose)

```

Query 9--

Daily Return % Column =

```
VAR PrevClose =  
    CALCULATE(  
        MAX('public coca cola_stock'[Adj Close]),  
        FILTER(  
            'public coca cola_stock',  
            'public coca cola_stock'[Date] = EARLIER('public coca cola_stock'[Date]) - 1  
        )  
    )  
RETURN  
IF(  
    NOT ISBLANK(PrevClose),  
    ROUND((( 'public coca cola_stock'[Adj Close] - PrevClose) / PrevClose) * 100, 2)  
)
```