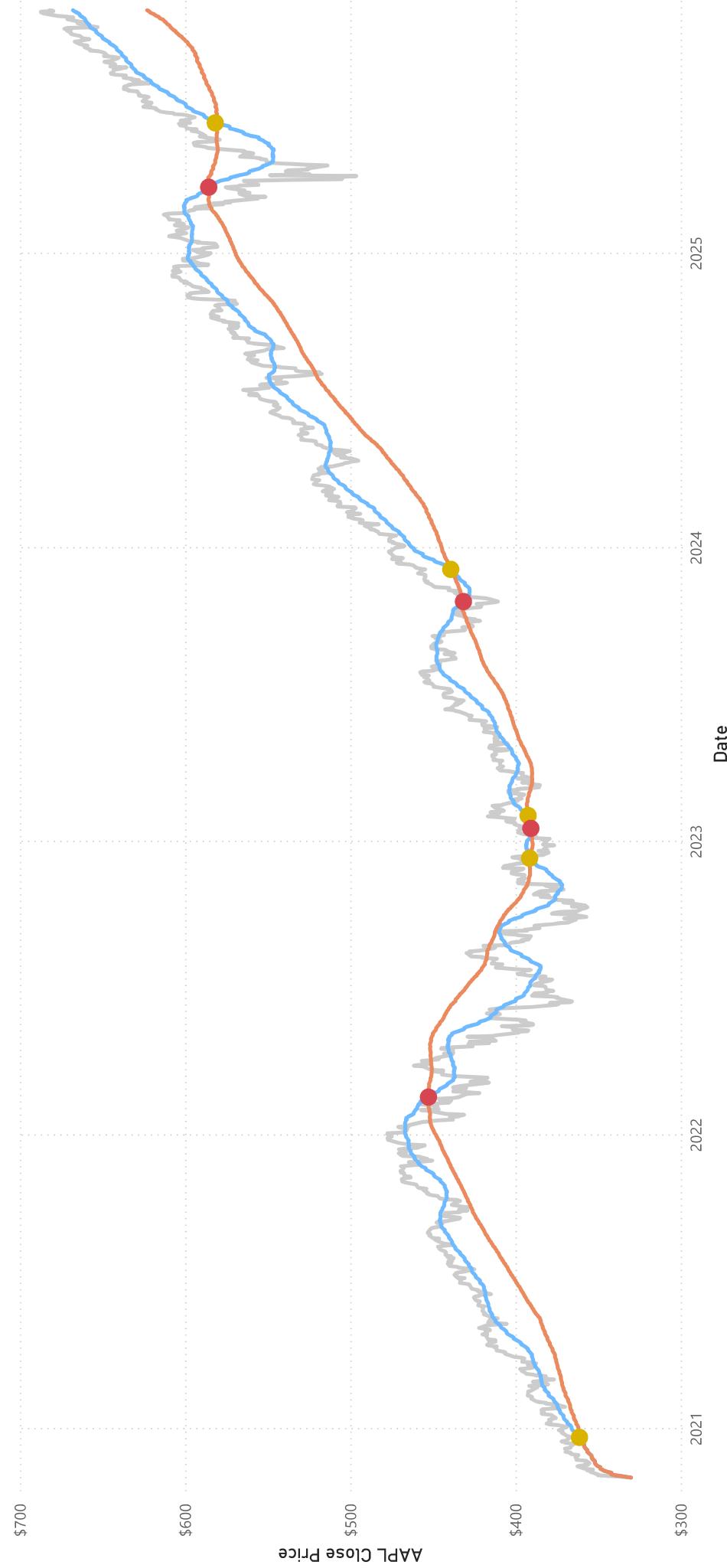


Select all | 2020 | 2021 | 2022 | 2023 | 2024 | 2025

### Close vs 50-Day Moving Average v 200-Day Moving Average for SPY

— Close — 50-Day Moving Average — 200-Day Moving Average ● Golden\_Cross\_Marker ● Death\_Cross\_Marker



Golden Cross Dates					
Date	Close	50-Day Moving Average	200-Day Moving Average	Golden_Cross	Death_Cross
22 Dec 2020	\$367.24	\$361.36	\$360.50	1	0
12 Dec 2022	\$398.95	\$391.54	\$391.40	1	0
03 Feb 2023	\$412.35	\$392.47	\$392.45	1	0
06 Dec 2023	\$454.76	\$439.26	\$439.03	1	0
13 Jun 2025	\$597.00	\$581.81	\$581.28	1	0

Death Cross Dates					
Date	Close	50-Day Moving Average	200-Day Moving Average	Golden_Cross	Death_Cross
18 Feb 2022	\$434.23	\$452.74	\$452.92	0	1
18 Jan 2023	\$391.49	\$390.80	\$390.80	0	1
27 Oct 2023	\$410.68	\$431.61	\$432.33	0	1
25 Mar 2025	\$575.46	\$585.78	\$586.38	0	1

Avg Closing Price = `AVERAGE(SPY_close_price_5Y[close])`

50-Day Moving Average =  
`CALCULATE([Avg Closing Price],  
DATESINPERIOD(dim_date[Date], LASTDATE(dim_date[Date]), -50, DAY))`

200-Day Moving Average =  
`CALCULATE([Avg Closing Price],  
DATESINPERIOD(dim_date[Date], LASTDATE(dim_date[Date]), -200, DAY))`

```
Golden_Cross =
VAR Prev_50 = CALCULATE([50-Day Moving Average],
DATEADD(dim_date[Date], -1, DAY))

var Prev_200 = CALCULATE([200-Day Moving Average],
DATEADD(dim_date[Date], -1, DAY))

var Curr_50 = [50-Day Moving Average]
var Curr_200 = [200-Day Moving Average]
RETURN
IF(Curr_50 > Curr_200 && Prev_50 <= Prev_200,
1,
0)
```

```
Golden_Cross_Marker =
IF([Golden_Cross] = 1 && [Death_Cross] = 0, [50-Day Moving Average], BLANK())
```

```
Death_Cross =
VAR Prev_50 = CALCULATE([50-Day Moving Average],
    DATEADD(dim_date[Date], -1, DAY))
var Prev_200 = CALCULATE([200-Day Moving Average],
    DATEADD(dim_date[Date], -1, DAY))
var Curr_50 = [50-Day Moving Average]
var Curr_200 = [200-Day Moving Average]
RETURN
IF(Curr_50 < Curr_200 && Prev_50 >= Prev_200,
    1,
    0)

Death_Cross_Marker =
IF([Golden_Cross] = 0 && [Death_Cross] = 1, [50-Day Moving Average], BLANK())
```