Data Gathering

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Libraries

```
library(tidyverse)
library(lubridate)
library(quantmod)
library(getopt)
library(data.table)
library(xts)
library(timeSeries)
library(ggplot2)
library(zoo)
```

Data Gathering

Data Import Options

```
#opts_list <- get_options()</pre>
```

Checking Options

```
#opts_list

#tick <- opts_list[1]

#st <- opts_list[2]
#en <- opts_list[3]

#check_opts(tick, st, en)</pre>
```

Importing Data

```
tick = "AAPL"
st = "2020-01-01"
en = "2024-01-01"
series <- getSymbols(Symbols = tick, src='yahoo', auto.assign=FALSE, from=st, to=en)
daily_returns <- (dailyReturn(as.xts(series)))
divs <- data.frame(getDividends(Symbol = tick, src = 'yahoo', from = st, to = en)) %>%
    rownames_to_column("Dates") %>%
```

```
rename("Dividend" = 2)

stock_identity <- c(
   Ticker = tick,
   Start_Date = st,
   End_Date = en,
   div_yield_percentage = 0
)</pre>
```

Building Data Frame

Initializing Data

```
daily_returns <- data.frame(dailyReturn(series)) %>%
 rownames_to_column("Dates") %>%
 mutate(Dates = ymd(Dates))
divs <- data.frame(divs) %>%
  group_by(year(Dates)) %>%
  summarise(Dividend = sum(Dividend)) %>%
  mutate(year = year(Dates) ) %>%
  ungroup()
stock_df <- as.data.frame(series)</pre>
colnames(stock_df)[1] <- "Open"</pre>
colnames(stock_df)[2] <- "High"</pre>
colnames(stock_df)[3] <- "Low"</pre>
colnames(stock_df)[4] <- "Close"</pre>
colnames(stock_df)[5] <- "Volume"</pre>
colnames(stock_df)[6] <- "Adjusted"</pre>
stock df <- stock df %>%
 rownames_to_column("Dates") %>%
 mutate(Dates = ymd(Dates)) %>%
 left_join(daily_returns, by = join_by(Dates)) %>%
  mutate(year = year(Dates)) %>%
 left_join(divs, by = join_by(year == year)) %>%
 mutate(div_yield = Dividend / `Close`) %>%
 mutate(div_yield_percentage = div_yield * 100)
stock_identity$div_yield_percentage <- tail(stock_df$div_yield_percentage, 1)[[1]]
```

Data Processing

```
stock_df <- stock_df %>%
group_by(year(Dates)) %>%
mutate(sd_returns = sd(daily.returns)) %>%
mutate(volatility = sd_returns*sqrt(252)) %>%
ungroup() %>%
select(-'year(Dates)') %>%
mutate(volatility_avg = mean(volatility))
```

Data Views

stock_df

Dates	Open	High	Low	Close	Volume Ad	ljustedlaily.retu	r ys ar	Divide	n d iv_yiel d iv_yield_p	 pe <u>raden</u> tragernolatilityvolatility_avg
2020-	74.0600	075.1500	73.797	575.087	51354804 72	.876120.0138739	2020	0.8075	0.01075411.0754120	0.029373 3 .466286 8 .3196489
01-02 2020-	74.287	575.1450	74.125	074.357	51463228 72			0.8075	0.01085971.0859698	0.029373 8 .466286 8 .3196489
01-03 2020-	73.447!	574.9900)73.187	574.9500	0.1183872 0 0	0.0097220 $0.742630.0079682$		0.8075	0.01077381.0773850	0.029373 8 .466286 8 .3196489
01-06										
2020- 01-07	74.9600	075.2250)74.370	074.597	51088720 70	.40054 - 0.0047030		0.8075	0.01082481.0824759	0.029373 3 .466286 8 .3196489
2020-	74.2900	076.1100	74.290	075.797	51320792 73			0.8075	0.01065341.0653386	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
01-08 2020-	76.8100	077.6075	576.550	077.407	51701084 75	.127780.0212408	2020	0.8075	0.01043181.0431806	0.029373 3 .466286 8 .3196489
01-09										
2020- 01-10	77.6500	078.1675	577.062	577.582	51406448 05	.297650.0022607	2020	0.8075	0.01040831.0408276	0.029373 3 .466286 8 .3196489
2020-	77.9100	079.2675	577.787	579.2400	01215320 76	.906320.0213644	2020	0.8075	0.01019061.0190561	$0.029373 \boldsymbol{3}.466286 \boldsymbol{8}.3196489$
01-13 2020-	79.1750	079.3925	578.042	578.1700	01619544 75	.86783 -	2020	0.8075	0.01033011.0330050	0.029373 8 .466286 8 .3196489
01-14	77.000) 77 907	r 77 09F	0.1.01.009.25%	0.0135033		0.0075	0.01097451.0974510	0.0009799.4669060.9106400
2020- 01-15	77.9628	018.8150) ((. 38 (577.8350	01219236 75	.54270 - 0.0042855		0.8075	0.01037451.0374510	0.029373 8 .466286 8 .3196489
2020- 01-16	78.397	578.9250	78.022	578.8100	01088292 76	.488980.0125265	2020	0.8075	0.01024621.0246162	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020-	79.0678	579.6850	78.750	079.682	51378164 00	.335780.0110710	2020	0.8075	0.01013401.0133969	0.029373 3 .466286 8 .3196489
01-17 2020-	70 207	570 7550	70 000	070 149	51108432 76	.81168 -	2020	0.8075	0.01020311.0203114	0.029373 8 .466286 8 .3196489
01-21	19.291	319.1000	779.000	019.142	J11004J2 JU	0.0067769		0.0010	0.01020311.0203114	0.029373 0 .400280 0 .3190489
2020- 01-22	79.6450	079.9975	579.327	579.4250	0101832477	.085880.0035695	2020	0.8075	0.01016681.0166824	0.029373 3 .466286 3 .3196489
2020-	79.4800	79.8900	78.912	579.807	51044720 77	.457090.0048159	2020	0.8075	0.01011811.0118096	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
01-23 2020-	80 062!	580 8325	579 380	079 577!	5 1465376 77	.23387 -	2020	0.8075	0.01014731.0147341	0.029373 8 .466286 8 .3196489
01-24						0.0028820				
2020- 01-27	77.5150	077.9425	576.220	077.237	51619400 7 4	.96280 - 0.0294053		0.8075	0.01045481.0454766	0.029373 8 .466286 8 .3196489
2020-	78.1500	79.6000	78.047	579.422	51622340 77			0.8075	0.01016711.0167144	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
01-28 2020-	81.112	581.9625	580.345	081.0850	02162292 78	.696970.0209323	2020	0.8075	0.00995870.9958685	0.029373 3 .466286 3 .3196489
01-29	00.105	201 000	. - 0		× 1005 10050	F000F	2020	0.00==	0.00000010.0000100	0.0000700.4440040.0104400
2020- 01-30	80.1350	J81.0225	79.687	580.967	51267432 78	.58295 - 0.0014491		0.8075	0.00997310.9973138	0.029373 3 .466286 8 .3196489
2020-	80.2325	580.6700	77.072	577.377	51995884 75			0.8075	0.01043581.0435850	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
01-31 2020-	76.0750	078.3725	575.555	077.1650	01737884 7 4	0.0443387 .89243 -		0.8075	0.01046461.0464589	0.029373 3 .466286 9 .3196489
02-03 2020-	70 0071	570 0100	70 407	570 719	5.19661 <i>6161</i> 67	0.0027463		0.0075	0.01013021.0130155	0.029373 9 .466286 8 .3196489
2020- 02-04	10.0213) 19.91UC	10.407	⊍19.11 2€	0.1900104 00	.504830.0530137	ZUZU	0.6075	0.01013021.0130133	U.UZ9313 U. 40UZ8U U .3190489
2020- 02-05	80.8800	081.1900	79.737	580.362	51188268 77	.995770.0081543	2020	0.8075	0.01004821.0048219	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020-	80.642	581.3050	80.065	081.302	51054256 78	.9080@.0116969	2020	0.8075	0.00993200.9932044	0.029373 8 .466286 8 .3196489
02-06 2020-	80 502	580 8500)70 KNA	1080 00 7 1	51176840 77	83550	2 020	0.8075	0.01009281.0092804	0.029373 3 .466286 8 .3196489
02-07						0.0159281				0.023313 0. 400200 0 .3130403
2020- 02-10	78.5450	080.3875	578.462	580.387	51093488 78	.205170.0047495	2020	0.8075	0.01004511.0045094	0.029373 8 .466286 8 .3196489
04-10										

Dates	Open High	Low	Close	Volume Ad	ljustedlaily.retu	r ne ar	Divide	n d iv_yiel d iv_yiel	ld_pe	ersoden træger nølatilityvolatility_	_avg
2020-	80.900080.9750	079.677	579.9025	59432320 0 7			0.8075	0.01010611.0106	067	0.029373 3 .466286 8 .3196489)
02-11 2020- 02-12	80.367581.8050	080.367	581.8000)1137304 79	0.0060333 579320.0237478		0.8075	0.00987160.9871	638	0.029373 3 .466286 8 .3196489)
2020- 02-13	81.047581.5550	080.837	581.2175	59474760 7 9	.01263 - 0.0071211		0.8075	0.00994240.9942	439	0.029373 3 .466286 3 .3196489)
2020- 02-14	81.185081.4950	080.712	581.2375	58011360 7 9			0.8075	0.00994000.9939	990	0.029373 3 .466286 3 .3196489)
2020- 02-18	78.840079.937	578.652	579.7500)1525312 00	.58498 - 0.0183105		0.8075	0.01012541.0125	392	0.029373 3 .466286 3 .3196489)
2020- 02-19	80.000081.142	580.0000	080.9050)9398400 7 8			0.8075	0.00998080.9980	842	0.029373 3 .466286 3 .3196489)
2020- 02-20	80.657581.162	579.552	580.0750)1005660 77	.90116 - 0.0102590		0.8075	0.01008431.0084	296	0.029373 3 .466286 8 .3196489)
2020- 02-21	79.655080.112	577.6250	078.2625	51295540 76		2020	0.8075	0.01031781.0317	841	0.029373 3 .466286 8 .3196489)
2020- 02-24	74.315076.0450	072.307	574.5450)2221952 70		2020	0.8075	0.01083241.0832	383	0.029373 8 .466286 8 .3196489)
2020- 02-25	75.237575.632	571.532	572.0200)2306736 70		2020	0.8075	0.01121221.1212	164	0.029373 3 .466286 8 .3196489)
2020- 02-26	71.632574.4700	071.6250	073.1625	51980548 70			0.8075	0.01103711.1037	075	0.029373 3 .466286 8 .3196489)
2020- 02-27	70.275071.5000	068.2400	068.3800)3206056 66	.52364 - 0.0653682		0.8075	0.01180901.1809	009	0.029373 3 .466286 8 .3196489)
2020- 02-28	64.315069.602	564.092	568.3400)4265100 66		2020	0.8075	0.01181591.1815	921	0.029373 3 .466286 8 .3196489)
2020- 03-02	70.570075.3600	069.4300	074.7025	53413972 70			0.8075	0.01080951.0809	545	0.029373 3 .466286 9 .3196489)
2020- 03-03	75.917576.0000	071.4500	072.3300)3194756 70	.36641 - 0.0317593		0.8075	0.01116411.1164	109	0.029373 3 .466286 8 .3196489)
2020- 03-04	74.110075.8500	073.282	575.6850)2191784 73			0.8075	0.01066921.0669	221	0.029373 3 .466286 8 .3196489)
2020- 03-05	73.880074.887	572.852	573.2300)1875728 70	.24199 - 0.0324370		0.8075	0.01102691.1026	901	0.029373 3 .466286 8 .3196489)
2020- 03-06	70.500072.7050	070.307	572.2575	52261768 70		2020	0.8075	0.01117531.1175	311	0.029373 3 .466286 8 .3196489)
2020- 03-09	65.937569.522	565.7500	066.5425	52867448 6 64		2020	0.8075	0.01213511.2135	101	0.029373 3 .466286 8 .3196489)
2020- 03-10	69.285071.6100	067.3425	571.3350)2852900 69			0.8075	0.01131981.1319	829	0.029373 3 .466286 8 .3196489)
2020- 03-11	69.347570.3050	067.9650	068.8575	52555988 66	.98819 - 0.0347305		0.8075	0.01172711.1727	118	0.029373 3 .466286 8 .3196489)
2020- 03-12	63.985067.5000	062.0000	062.0575	54184740 60	.37280 - 0.0987547		0.8075	0.01301211.3012	126	0.029373 3 .466286 8 .3196489)
2020- 03-13	66.222569.9800	063.237	569.4925	53707320 67			0.8075	0.01162001.1619	959	0.029373 3 .466286 8 .3196489)
2020- 03-16	60.487564.7700	060.0000	060.5525	53224236 58	.90866 - 0.1286470		0.8075	0.01333551.3335	535	0.029373 3 .466286 8 .3196489)
2020- 03-17	61.877564.402	559.6000	063.2150)3240560 60	.498880.0439701	2020	0.8075	0.01277391.2773	867	0.029373 3 .466286 8 .3196489)
2020- 03-18	59.942562.5000	059.2800	061.6675	53002336 59	.99338 - 0.0244800		0.8075	0.01309441.3094	418	0.029373 3 .466286 3 .3196489)
2020- 03-19	61.847563.2100	060.652	561.1950)2718572 69		2020	0.8075	0.01319551.3195	523	0.029373 3 .466286 8 .3196489)
2020- 03-20	61.795062.957	557.0000	057.3100)4016932 65		2020	0.8075	0.01409001.4090	036	0.029373 3 .466286 3 .3196489)
2020- 03-23	57.020057.1250	053.152	556.0925	53367528 5 4		2020	0.8075	0.01439591.4395	864	0.029373 3 .466286 8 .3196489)
2020- 03-24	59.090061.922	558.5750	061.7200)2875312 60			0.8075	0.01308331.3083	279	0.0293738.4662868.3196489)

Dates	Open	High	Low	Close	Volume A	.djustedlaily.ret	ur ye ar	Divide	n d iv_yiel d iv_yieldj	 persoden tracker use latility volatility _avg
2020-	62.68750	64.5625	61.075	061.3800	3036020 5			0.8075	0.01315581.3155751	0.029373 3 .466286 8 .3196489
03-25 2020- 03-26	61.63006	64.6700	61.590	064.6100)2520872 6	0.005508 2 .8560@.05262		0.8075	0.01249811.2498065	0.029373 3 .466286 8 .3196489
2020-	63.1875	63.9675	61.762	561.9350)2042168 6			0.8075	0.01303791.3037862	0.029373 3. 466286 8. 3196489
03-27 2020- 03-30	62.68506	63.8800	62.350	063.7025	51679764 6	0.041403 1.973140.028538		0.8075	0.01267611.2676112	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 03-31	63.90000	65.6225	63.000	063.572	51970020 6	1.84668 - 0.002040		0.8075	0.01270201.2702033	$0.029373 \\ \pmb{\vartheta}.466286 \\ \pmb{\vartheta}.3196489$
2020- 04-01	61.62506	62.1800	59.782	560.227	51762184 5		2020	0.8075	0.01340751.3407496	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$
2020- 04-02	60.0850	61.2875	59.225	061.232	51659340 5			0.8075	0.01318741.3187442	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$
2020- 04-03	60.70006	61.4250	59.742	560.352	51298800 5	8 .71408 - 0.01437		0.8075	0.01337971.3379727	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 04-06	62.72500	65.7775	62.345	065.617	52018204 6			0.8075	0.01230621.2306168	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 04-07	67.70006	67.9250	64.750	064.857	52028872 6	3 .09678 - 0.011583		0.8075	0.01245041.2450372	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 04-08	65.68506	66.8425	65.307	566.517	51688952 6			0.8075	0.01213971.2139662	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$
2020- 04-09	67.17506	67.5175	66.175	066.997	51618348 6	5 .1787@.007210	61 2020	0.8075	0.01205271.2052689	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$
2020- 04-13	67.07756	68.4250	66.457	568.312	51310228 6	6 .457990.01962'	76 2020	0.8075	0.01182071.1820677	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 04-14	70.00007	72.0625	69.512	571.762	51949948 6	9 .814310.050503	32 2020	0.8075	0.01125241.1252396	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 04-15	70.60007	71.5825	70.157	571.107	513115446	9 .17710 - 0.00912'		0.8075	0.01135601.1356046	$0.029373 \\ \boldsymbol{0}.466286 \\ \boldsymbol{0}.3196489$
2020- 04-16	71.84507	72.0500	70.587	571.672	51571252 6			0.8075	0.01126651.1266525	$0.029373 \\ \mathbf{\eth}.466286 \\ \mathbf{\eth}.3196489$
2020- 04-17	71.1725	71.7375	69.215	070.7000	021525006	3 .78067 - 0.013568		0.8075	0.01142151.1421500	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 04-20	69.48757	70.4200	69.212	569.232	51300152 6		2020	0.8075	0.01166361.1663598	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 04-21	69.07000	69.3125	66.357	567.092	51809916 6		2020	0.8075	0.01203561.2035623	$0.029373 \\ \pmb{\vartheta}.466286 \\ \pmb{\vartheta}.3196489$
2020- 04-22	68.40256	69.4750	68.050	069.0250	01168624 6			0.8075	0.01169871.1698660	$0.029373 \\ \boldsymbol{\partial}.466286 \\ \boldsymbol{\partial}.3196489$
2020- 04-23	68.96757	70.4375	68.717	568.757	51248144 6	3 .89092 - 0.00387		0.8075	0.01174421.1744173	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 04-24	69.30007	70.7525	69.250	070.742	51261612 6			0.8075	0.01141461.1414638	$0.029373 \\ \boldsymbol{\vartheta}.466286 \\ \boldsymbol{\vartheta}.3196489$
2020- 04-27	70.4500	71.1350	69.987	570.792	51170876 6	8.870670.00070	68 2020	0.8075	0.01140661.1406575	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 04-28	71.2700	71.4575	69.550	069.6450	01120048 6	7 .75430 - 0.016209		0.8075	0.01159451.1594516	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 04-29	71.1825	72.4175	70.972	571.932	51372808 6			0.8075	0.01122581.1225802	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 04-30	72.4900	73.6325	72.087	573.4500	01830640 7	1 .456000.021090	61 2020	0.8075	0.01099391.0993874	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 05-01	71.56257	74.7500	71.462	572.267	52406168 7 0	0 .30561 - 0.016099		0.8075	0.01117381.1173764	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 05-04	72.2925	73.4225	71.580	073.2900	01335680 7 0			0.8075	0.01101791.1017874	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
05-04 2020- 05-05	73.76507	75.2500	73.615	074.3900)1477512 0	2 .370510.015008	88 2020	0.8075	0.01085501.0854954	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
05-05 2020- 05-06	75.11507	75.8100	74.717	575.157	51423336 7 0	3 .1171@.01031′	73 2020	0.8075	0.01074411.0744104	0.029373 3 .466286 8 .3196489

Dates	Open High	Low	Close	Volume Ac	ljustedlaily.retu	rwaar l	Divider	n d iv_yiel d iv_yieldj	 persuentrægurus latilityvolatility_avg
2020-	75.805076.292	575.492	575.9350)1152152 03	.8735@.0103449	2020 (0.8075	0.01063411.0634095	0.029373 3 .466286 8 .3196489
05-07 2020- 05-08	76.410077.587	576.072	577.5325	51338384 75	.6318@.0210378	2020 (0.8075	0.01041501.0414987	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 05-11	77.025079.262	576.810	078.7525	51459464 76	.821970.0157354	2020 (0.8075	0.01025361.0253642	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$
2020- 05-12	79.457579.922	577.727	577.8525	51623012 05	.94404 - 0.0114282		0.8075	0.01037221.0372178	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 05-13	78.037578.987	575.802	576.9125	52006224 75		2020 (0.8075	0.01049891.0498944	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 05-14	76.127577.447	575.382	577.3850) 1589292 75			0.8075	0.01043481.0434839	$0.029373 \\ 9.466286 \\ 9.3196489$
2020- 05-15	75.087576.9750	075.052	576.9275	51663484 75	.04171 - 0.0059121		0.8075	0.01049691.0496897	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-18	78.292579.125	077.580	078.7400) 1351784 76			0.8075	0.01025531.0255271	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-19	78.757579.6300	078.252	578.2850)1017296 76	.36592 - 0.0057784		0.8075	0.01031491.0314875	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-20	79.170079.880	079.130	079.8075	51115048 00			0.8075	0.01011811.0118096	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-21	79.665080.222	578.967	579.2125	51026888 00	.27068 - 0.0074555		0.8075	0.01019411.0194098	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-22	78.942579.807	578.837	579.7225	58180320 0 7			0.8075	0.01012891.0128884	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-26	80.875081.060	079.1250	079.1825	51255220 00	.24143 - 0.0067735		0.8075	0.01019801.0197960	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-27	79.035079.677	578.272	579.5275	51129452 00			0.8075	0.01015371.0153721	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-28	79.192580.860	078.907	579.5625	51335608 00	.612100.0004401	2020 (0.8075	0.01014931.0149254	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 05-29	79.812580.287	579.117	579.4850) 1535324 00	.53652 - 0.0009741		0.8075	0.01015911.0159149	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-01	79.437580.587	579.302	580.4625	58079120 7 8			0.8075	0.01003571.0035731	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-02	80.187580.8600	079.732	580.8350)8764280 7 8	.853420.0046295	2020 (0.8075	0.00998950.9989485	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-03	81.165081.550	080.575	081.2800)1044912 79	.2875@.0055050	2020 (0.8075	0.00993480.9934793	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-04	81.097581.4050	080.195	080.5800)8756040 7 8	.60468 - 0.0086122		0.8075	0.01002111.0021097	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-05	80.837582.937	580.807	582.8750)1372504 80			0.8075	0.00974360.9743590	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-08	82.562583.400	081.830	083.3650	9565440 8 1	.321390.0059125	2020 (0.8075	0.00968630.9686319	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-09	83.035086.402	583.002	585.9975	51477124 83	.8893@.0315780	2020 (0.8075	0.00938980.9389808	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-10	86.975088.692	586.522	588.2100) 1666516 86	.047620.0257275	2020 (0.8075	0.00915430.9154291	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-11	87.327587.7650	083.870	083.9750)2016624 80	.91644 - 0.0480104		0.8075	0.00961600.9615957	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-12	86.180086.950	083.555	084.7000)2001460 82			0.8075	0.00953360.9533649	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
2020- 06-15	83.312586.420	083.1450	085.7475	51388088 83	.645490.0123672	2020 (0.8075	0.00941720.9417184	$0.029373 \\ 0.466286 \\ 0.3196489$
2020- 06-16	87.865088.300	086.180	088.0200) 1654288 85	.862280.0265022	2020 (0.8075	0.00917410.9174052	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 06-17	88.787588.850	087.772	587.8975	51144064 85	.74280 - 0.0013917		0.8075	0.00918680.9186837	$0.029373 \boldsymbol{\partial}.466286 \boldsymbol{\partial}.3196489$
2020- 06-18	87.852588.362	587.3050	087.9325	59682040 8 5			0.8075	0.00918320.9183180	0.029373 3 .466286 3 .3196489

Dates	Open High	Low	Close	Volume Ac	djusteddaily.retu	rmear	Divide	n d iv_yiel d iv_yield_p	 persu <u>en</u> trægernølatilityvolatility_avg
2020-	88.660089.1400	086.2875	587.4300)2644760 85			0.8075	0.00923600.9235960	0.029373 3 .466286 8 .3196489
06-19 2020- 06-22	87.835089.8650	87.7875	589.7175	51354452 87	0.0057146 .518170.0261638		0.8075	0.00900050.9000474	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 06-23	91.000093.0950	90.5675	591.6325	52121556 89	.386230.0213448	2020	0.8075	0.00881240.8812376	$0.029373 \\ 3.466286 \\ 3.3196489$
2020- 06-24	91.250092.1975	89.6300	90.0150) 1926232 87	.80838 - 0.0176520		0.8075	0.00897070.8970727	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 06-25	90.175091.2500	89.3925	591.2100)1375224 88			0.8075	0.00885320.8853196	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 06-26	91.102591.3300	88.2550	088.4075	52052568 86	.24028 - 0.0307258		0.8075	0.00913380.9133840	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 06-29	88.312590.5425	87.8200	90.4450)1306460 88			0.8075	0.00892810.8928078	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$
2020- 06-30	90.020091.4950	90.0000	91.2000)1402232 88	.964340.0083476	2020	0.8075	0.00885420.8854167	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-01	91.280091.8400	90.9775	591.0275	51107372 88	.79605 - 0.0018915		0.8075	0.00887090.8870946	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-02	91.962592.6175	590.9100	091.0275	51140416 88			0.8075	0.00887090.8870946	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-06	92.500093.9450	92.4675	593.4625	51186556 90	.1713@.0267502	2020	0.8075	0.00863980.8639829	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-07	93.852594.6550	93.0575	593.1725	51124244 90	.88847 - 0.0031029		0.8075	0.00866670.8666720	$0.029373 \\ \mathbf{\tilde{9}}.466286 \\ \mathbf{\tilde{9}}.3196489$
2020- 07-08	94.180095.3750	94.0900	095.3425	51170920 93			0.8075	0.00846950.8469465	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-09	96.262596.3175	594.6725	595.7525	51256428 93	.405220.0043003	2020	0.8075	0.00843320.8433200	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$
2020- 07-10	95.335095.9800	94.7050	95.9200)9025720 9 3	.568640.0017493	2020	0.8075	0.00841850.8418474	$0.029373 \\ \mathbf{\tilde{9}}.466286 \\ \mathbf{\tilde{9}}.3196489$
2020- 07-13	97.265099.9550	95.2575	595.4775	51916492 93	.13699 - 0.0046132		0.8075	0.00845750.8457490	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-14	94.840097.2550	93.8775	597.0575	51709892 9 4			0.8075	0.00831980.8319810	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-15	98.990099.2475	596.4900	97.7250)1531980 95	.329380.0068773	2020	0.8075	0.00826300.8262983	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-16	96.562597.4050	95.9050	096.5225	51105776 9 0	.15636 - 0.0123049		0.8075	0.00836590.8365925	$0.029373 \\ \mathbf{\tilde{9}}.466286 \\ \mathbf{\tilde{9}}.3196489$
2020- 07-17	96.987597.1475	595.8400	096.3275	59218680 9 3		2020	0.8075	0.00838290.8382861	$0.029373 \\ \mathbf{\tilde{9}}.466286 \\ \mathbf{\tilde{9}}.3196489$
2020- 07-20	96.417598.5000	96.0625	598.3575	59031800 9 5			0.8075	0.00820980.8209847	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-21	99.172599.2500	96.7425	597.0000)1034332 9 4	.62215 - 0.0138017		0.8075	0.00832470.8324742	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-22	96.692597.9750	96.6025	597.2725	58900160 9 4			0.8075	0.00830140.8301421	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-23	96.997597.0775	592.0100)92.8450) 1970044 90	.56900 - 0.0455164		0.8075	0.00869730.8697291	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-24	90.987592.9700	89.1450	92.6150)1854388 90		2020	0.8075	0.00871890.8718890	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-27	93.710094.9050	93.4800	94.8100)1212140 92			0.8075	0.00851700.8517034	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$
2020- 07-28	94.367594.5500	93.2475	593.2525	51036256 90	.96652 - 0.0164275		0.8075	0.00865930.8659285	0.029373 3 .466286 8 .3196489
2020- 07-29	93.750095.2300	93.7125	595.0400)9032920 9 2			0.8075	0.00849640.8496422	0.029373 3 .466286 8 .3196489
2020- 07-30	94.187596.2975	593.7675	596.1900)1581300 93	.832000.0121002	2020	0.8075	0.00839480.8394843	0.029373 3 .466286 8 .3196489
2020- 07-31	102.885 0 06.415	5 0 00.825	5 0 06.260) 3 743368 00	3.655151046886	2020	0.8075	0.00759930.7599285	0.029373 9 .466286 8 .3196489

Dates	Open High	Low	Close	Volume Ad	justedlaily.retu	rwear	Divide	n d iv_yiel d iv_	_yieldp	erscentragernolatilityvolatility_	_avg
2020-	108.200 0 11.63	37 5 07.89	02508.93	7 3 081512 00 6	3.2670 3 0251976	2020	0.8075	0.00741250.7	412507	0.029373 3 .466286 3 .3196489	
08-03 2020- 08-04	109.132 5 10.79	90 0 08.38	37 5 09.66	5 0 730716 00 6	3.976 67 .0066781	2020	0.8075	0.00736330.7	363334	0.029373 3 .466286 8 .3196489	
2020- 08-05	109.377510.39	9 23 08.89	75110.062	2 5 217768 00 7	7.3644000036247	2020	0.8075	0.00733670.7	336740	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$	
2020- 08-06	110.405 0 14.41	12509.79	9 75 13.902	2 3 024288 00 1	1.110280348892	2020	0.8075	0.00708940.7	089397	0.029373 3 .466286 8 .3196489	
2020- 08-07	113.205 0 13.67	75 0 10.29	02 5 11.112	2 5 980456 00 8	3.58410 - 0.0244946		0.8075	0.00726740.7	267409	0.029373 3 .466286 8 .3196489	
2020- 08-10	112.600 0 13.77	75 0 10.00	00012.72	7 3 124036 00 0	0.0244940 0.162350145348		0.8075	0.00716330.7	163292	0.029373 3 .466286 8 .3196489	
2020- 08-11	111.970 0 12.48	32 5 09.10	7 5 09.37	5 0 879024 00 6	5.88616 - 0.0297399		0.8075	0.00738290.7	382857	0.029373 3 .466286 8 .3196489	
2020- 08-12	110.497513.27	75 0 10.29	9 75 13.010	0 0 655980 00 (0.0237333		0.8075	0.00714540.7	145385	0.029373 3 .466286 8 .3196489	
2020- 08-13	114.430 0 16.04	42 5 13.92	27 5 15.010	0 2 100820 00 2	2.3929380176975	2020	0.8075	0.00702110.7	021128	0.029373 3 .466286 8 .3196489	
2020- 08-14	114.830 0 15.00	00 0 13.04	45 0 14.907	7 5 655652 00 2	2.29277 - 0.0008912		0.8075	0.00702740.7	7027392	0.029373 3 .466286 8 .3196489	
2020- 08-17	116.062516.08	87 5 13.96	32 5 14.607	7 3 195616 00 1		2020	0.8075	0.00704580.7	045787	0.029373 3 .466286 8 .3196489	
2020- 08-18	114.352516.00	00 0 14.00	7515.562	2 5 056336 00 2	2.932850083328		0.8075	0.00698760.6	987561	0.029373 8 .466286 8 .3196489	
2020- 08-19	115.982517.16	62 5 15.61	.0 0 15.707	7 5 455380 00 3	3.074550012547	2020	0.8075	0.00697880.6	978805	0.029373 3 .466286 8 .3196489	
2020- 08-20	115.750 0 18.39	92 5 15.73	32518.27	5 0 269072 00 5	5.5836330221896	2020	0.8075	0.00682730.6	827309	0.029373 8 .466286 8 .3196489	
2020- 08-21	119.262524.86	6 75 19.25	50 0 24.370	0 6 380548 02 1	1.539950515325	2020	0.8075	0.00649270.6	492723	0.029373 0 .466286 8 .3196489	
2020- 08-24	128.697528.78	85 0 23.93	375 25.857	7 3 459376 02 2	2.9935&0119602	2020	0.8075	0.00641600.6	415986	0.029373 0 .466286 8 .3196489	
2020- 08-25	124.697525.18	80 0 23.05	52524.825	5 0 114956 00 1	0.0082037 - 0.0082037		0.8075	0.00646910.6	469057	0.029373 3 .466286 8 .3196489	
2020- 08-26	126.180 0 26.99	92525.08	32 5 26.522	2 5 630224 02 3	3.643 46 .0135991		0.8075	0.00638230.6	382264	0.029373 0 .466286 8 .3196489	
2020- 08-27	127.142527.48	85 0 23.83	32 5 25.010	0 0 555524 02 2	2.16540 - 0.0119544		0.8075	0.00645950.6	459483	0.029373 3 .466286 8 .3196489	
2020- 08-28	126.012526.44	12 5 24.57	7524.807	7 5 876300 02 1		2020	0.8075	0.00647000.6	469964	0.029373 3 .466286 8 .3196489	
2020- 08-31	127.580 0 31.00	00 0 26.00	00 0 29.040	0 2 257027 02 6	5.10367.0339121		0.8075	0.00625770.6	257750	0.029373 0 .466286 8 .3196489	
2020- 09-01	132.760 0 34.80	00 0 30.53	300 34.180	0 0 519481 03 1	1.1267010398326	2020	0.8075	0.00601800.6	018036	0.029373 0 .466286 8 .3196489	
2020- 09-02	137.590 0 37.98	80 0 27.00	00 0 31.400	0 0 001190 00 8	3.40994 - 0.0207184		0.8075	0.00614540.6	145358	0.029373 3 .466286 8 .3196489	
2020- 09-03	126.910 0 28.84	40 0 20.50	00 0 20.880	0 0 575996 00 8		2020	0.8075	0.00668020.6	680179	0.029373 0 .466286 8 .3196489	
2020- 09-04	120.070 0 23.70	00 0 10.89	00 0 20.960	0 6 326072 00 8	8.207540006618		0.8075	0.00667580.6	675761	0.029373 3 .466286 8 .3196489	
2020- 09-08	113.950 0 18.99	90 0 12.68	80 0 12.820	0 2 313666 00 (0.25277 - 0.0672950		0.8075	0.00715740.7	157419	0.029373 3 .466286 8 .3196489	
2020- 09-09	117.260 0 19.14	40 0 15.26	60 0 17.320	0 07 69405 00 4	1.6503660398865		0.8075	0.00688290.6	882884	0.029373 0 .466286 8 .3196489	
2020- 09-10	120.360 0 20.50	00 0 12.50	00 0 13.490	00822744000	0.90751 - 0.0326458		0.8075	0.00711520.7	115164	0.029373 3 .466286 8 .3196489	
2020- 09-11	114.570 0 15.23	30 0 10.00	00 0 12.000	0 0 808603 00 9		2020	0.8075	0.00720980.7	209821	0.029373 3 .466286 8 .3196489	
2020- 09-14	114.720 0 15.93	30 0 12.80	00 0 15.360	0 0 401501 00 2	0.0131289 2.7349 5 0300000		0.8075	0.00699980.6	999827	0.029373 8 .466286 8 .3196489	

Dates	Open High	Low	Close	Volume Ad	iustedlailv.returi	mear Divi	den d iv vie	el d iv vield	peradntægernolatilityvolatility_	avg
2020-					.9108060015603	·			<u> </u>	_
09-15 2020-	115 920016 00	0012 04	AM 19 19	0 0 546700 00 0	.57846 - :	വാവ വ വേ	75 0 00720	150 7901469	0.029373 B .466286 B .3196489	
09-16	110.230410.00	0112.04	U U 12.130	J u 540790 uu 9	0.0295136	2020 0.60	15 0.00120	1100.7201400	0.029373 0 .400200 6 .3190409	
2020- 09-17	109.720 0 12.20	0008.71	0010.340	0 0 780110 00 7	7.82919 - 1 0.0159636	2020 0.80	75 0.00731	830.7318289	0.029373 3 .466286 8 .3196489	
2020- 09-18	110.400 0 10.88	0 0 06.09	0006.840	0 2 871049 00 4		2020 0.80	75 0.00755	800.7558031	$0.029373 \boldsymbol{9}.466286 \boldsymbol{8}.3196489$	
2020- 09-21	104.540 0 10.19	0 0 03.10	0010.080	0 0 957138 00 7	7.5751020303258	2020 0.80	75 0.00733	560.7335574	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$	
2020- 09-22	112.680 0 12.86	0 0 09.16	0011.810	0 0 830554 00 9	.2657040157158	2020 0.80	75 0.00722	210.7222073	0.029373 3 .466286 8 .3196489	
2020- 09-23	111.620 0 12.11	0 0 06.77	0007.120	0 0 507187 00 4	0.0419461	2020 0.80	75 0.00753	830.7538275	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$	
2020- 09-24	105.170 0 10.25	0 0 05.00	0008.220	0 0 677433 00 5	.757450102688	2020 0.80	75 0.00746	5170.7461652	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$	
2020- 09-25	108.430 0 12.44	0 0 07.67	0012.280	0 0 499814 00 9	.725040375161	2020 0.80	75 0.00719	180.7191842	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$	
2020- 09-28	115.010 0 15.32	0012.78	0 0 14.960	0 0 376724 00 2	.34407.0238689	2020 0.80	75 0.00702	420.7024182	0.029373 8 .466286 8 .3196489	
2020- 09-29	114.550 0 15.31	0 0 13.57	70 0 14.090	0 9 938220 0 11	.49387 - : 0.0075679	2020 0.80	75 0.00707	770.7077746	$0.029373 \boldsymbol{8}.466286 \boldsymbol{8}.3196489$	
2020- 09-30	113.790 0 17.26	0 0 13.62	0015.810	0 0 426752 00 3	3.174 72 0150758	2020 0.80	75 0.00697	260.6972628	0.029373 3 .466286 8 .3196489	
2020- 10-01	117.640 0 17.72	0015.83	0 0 16.790	0 0 161204 00 4	.1324410084622	2020 0.80	75 0.00691	410.6914119	0.029373 3 .466286 8 .3196489	
2020- 10-02	112.890 0 15.37	0012.22	0013.020	0 0 447120 0 0	0.0322802	2020 0.80	75 0.00714	480.7144753	0.029373 3 .466286 8 .3196489	
2020- 10-05	113.910 0 16.65	0 0 13.55	0 0 16.500	0 0 062438 00 3	3.8490 2 0307910	2020 0.80	75 0.00693	3130.6931330	$0.029373 \boldsymbol{\mathfrak{g}}.466286 \boldsymbol{\mathfrak{g}}.3196489$	
2020- 10-06	115.700 0 16.12	0012.25	0 0 13.160	0 0 614982 00 0	0.58503 - 1 0.0286695	2020 0.80	75 0.00713	590.7135914	0.029373 3 .466286 8 .3196489	
2020- 10-07	114.620 0 15.55	0 0 14.13	0015.080	0 9 684900 0 12	.461340169671	2020 0.80	75 0.00701	690.7016858	0.029373 3 .466286 8 .3196489	
2020- 10-08	116.250 0 16.40	0 0 14.59	0014.970	0 8 347720 0 12	.35385 - : 0.0009559	2020 0.80	75 0.00702	360.7023571	0.029373 3 .466286 8 .3196489	
2020- 10-09	115.280 0 17.00	0 0 14.92	0016.970	0 0 005069 00 4	.3083330173958	2020 0.80	75 0.00690	350.6903479	$0.029373 \boldsymbol{\mathfrak{g}}.466286 \boldsymbol{\mathfrak{g}}.3196489$	
2020- 10-12	120.060 0 25.18	0 0 19.28	0024.400	0 2 402268 02 1	.56927.0635206	2020 0.80	75 0.00649	120.6491157	0.029373 3 .466286 8 .3196489	
2020- 10-13	125.270 0 25.39	0 0 19.65	0 0 21.100	0 2 623305 00 8	0.0265274	2020 0.80	75 0.00666	8800.6668043	0.029373 3 .466286 8 .3196489	
2020- 10-14	121.000 0 23.03	0 0 19.62	0 0 21.190	0 0 507120 00 8	3.43231.0007432	2020 0.80	75 0.00666	310.6663091	$0.029373 \boldsymbol{\mathfrak{g}}.466286 \boldsymbol{\mathfrak{g}}.3196489$	
2020- 10-15	118.720 0 21.20	0018.15	0 0 20.710	00125592007	0.0039608	2020 0.80	75 0.00668	960.6689587	0.029373 3 .466286 8 .3196489	
2020- 10-16	121.280 0 21.55	0018.81	0 0 19.020	0 0 153938 00 6		2020 0.80	75 0.00678	3460.6784574	0.029373 3 .466286 8 .3196489	
2020- 10-19	119.960 0 20.42	0 0 15.66	0 0 15.980	0 0 206393 00 3		2020 0.80	75 0.00696	240.6962407	0.029373 3 .466286 8 .3196489	
2020- 10-20	116.200 0 18.98	0 0 15.63	0017.510	0 0 244237 00 4	.836030131919	2020 0.80	75 0.00687	180.6871755	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$	
2020- 10-21	116.670 0 18.71	0 0 16.45	0 0 16.870	0 8 994600 0 14	0.0054463	2020 0.80	75 0.00690	940.6909386	0.0293 738 .466286 8 .3196489	
2020- 10-22	117.450 0 18.04	0 0 14.59	0 0 15.750	0 0 019880 00 3		2020 0.80	75 0.00697	620.6976242	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$	
2020- 10-23	116.390 0 16.55	0 0 14.28	0 0 15.040	0 8 257260 0 12		2020 0.80	75 0.00701	930.7019298	$0.029373 \boldsymbol{9}.466286 \boldsymbol{9}.3196489$	
2020- 10-26	114.010 0 16.55	0 0 12.88	0 0 15.050	0 0 118507 00 2	4320 3 0000869	2020 0.80	75 0.00701	870.7018687	0.029373 8 .466286 8 .3196489	

Dates	Open	High	Low	Close	Volume Ad	justedlaily.retu	r ys ar	Divide	n d iv_y	riel d iv_	_yield	persæ <u>n</u> tægern	nelatilityvolatility	_avg
2020-	115.49	0017.280	014.54	10 0 16.600	9 227680 0 13	3.946 75 0134724	2020	0.8075	0.0069	92540.6	6925386	0.0293738) .466286 9 .3196489)
10-27 2020-	115.05	0 0 15.430	0 0 11.10	00 0 11.200	0 0 439378 00 8	3.66962 -	2020	0.8075	0.0072	26170.7	7261691	0.0293730) .466286 9 .3196489	9
10-28 2020-	119 97	0 0 16 020) / 112.20)(/ 15 22(M 461202 0 0	0.0463122 0.695860370504		0.8075	0.0070	ากรรก ร	7002255	0 0002726) .466286 9 .3196489)
10-29	112.37	00110.930	J U 12.20	JU U 13.320	JU401292UU2	.099000070904	2020	0.0075	0.0070	JU23U. 1	002233	0.0293730	9.400200 9 .319040;	,
2020- 10-30	111.06	0 0 11.990	0007.72	20 0 08.860	0 0 902726 00 6	5.38287 - 0.0560180		0.8075	0.0074	41780.7	7417784	0.0293738) .466286 9 .3196489	9
2020-	109.11	0 0 10.680	0 0 07.32	20008.770	0 0 228669 00 6	5.29492 -	2020	0.8075	0.0074	42390.7	7423922	0.0293738) .466286 9 .3196489)
11-02 2020-	109.66	0 0 11.490	0008.73	30 0 10.440	00076244 00 7	0.0008268 7.9269 2 0153536		0.8075	0.0073	31170.7	7311662	0.029373) .466286 9 .3196489	9
11-03												0.0000706	A 4660060 0106404	
2020- 11-04	114.14	0 u 15.590	J U 12.35	0 U 14.950	JU382355UU2	2.334300408366	2020	0.8075	0.0070)2480.7	(024794	0.0293731).466286 0 .3196489)
2020- 11-05	117.95	0 0 19.620	016.87	70 0 19.030	00263871006	5.321 47 .0354937	2020	0.8075	0.0067	78400.6	6784004	0.029373) .466286 9 .3196489)
2020-	118.32	0 0 19.200	0 16.13	30 0 18.690	0 144579 0 06			0.8075	0.0068	80340.6	6803437	0.0293730) .466286 9 .3196489)
11-06 2020-	120.50	0 0 21.990	0 0 16.05	50 0 16.320) 0 545153 00 3	0.0028564 8.86925 -		0.8075	0.0069	94210.6	6942056	0.0293736) .466286 \) .3196489	9
11-09						0.0199680						0.0200,00		
2020- 11-10	115.55	0 0 17.590)U 14.13	30 u 15.970	0 0 380234 00 3	3.52661 - 0.0030089		0.8075	0.0069	96300.6	963008	0.0293731).466286 0 .3196489)
2020- 11-11	117.19	0 0 19.630	0 16.44	40 0 19.490	0122950006	5.9724040303526	2020	0.8075	0.0067	75790.6	5757888	0.0293738) .466286 9 .3196489	9
2020-	119.62	0 0 20.530	018.57	70 0 19.210	00031623006			0.8075	0.0067	77380.6	6773761	0.0293730) .466286 9 .3196489)
11-12 2020-	119.44	0 0 19.670	0017.87	70 0 19.260) 8 158190 0 16	0.0023433 6.7473000004195		0.8075	0.0067	77090.6	6770921	0.029373f) .466286 9 .3196489	9
11-13														
2020- 11-16	118.92	0 0 20.990	0018.15	0 02 0.300) 9 118300 0 17	7.765399.0087205	2020	0.8075	0.0067	71240.6	5712386	0.0293731).466286 0 .3196489)
2020- 11-17	119.55	0 0 20.670	018.96	60 0 19.390	7 427100 0 16	5.87457 - 0.0075645		0.8075	0.0067	76350.6	6763548	0.0293738) .466286 9 .3196489	9
2020-	118.61	0019.820	018.00	00018.030	7 632210 0 15	5.54320 -	2020	0.8075	0.0068	84150.6	841481	0.0293730) .466286 9 .3196489)
11-18 2020-	117 59	0 0 19 060) 0 16 81	0 0 18 640	0 7 411300 0 16	0.0113912 6.140340051682		0.8075	0.0068	80630 6	3806305	0 0293736) .466286 9 .3196489)
11-19														
2020- 11-20	118.64	0018.770	0017.29	00 0 17.340	0 7 360430 0 14	86775 - 0.0109575		0.8075	0.0068	88170.6	5881711	0.0293731) .466286 0 .3196489)
2020- 11-23	117.18	0 0 17.620	013.75	60 0 13.850	0 0 279593 00 1	.45126 - 0.0297426		0.8075	0.0070	09270.7	7092666	0.0293738) .466286 9 .3196489	9
2020-	113.91	0015.850	012.59	00015.170	0138742002	0.0297420 0.743480115942		0.8075	0.0070	01140.7	7011375	0.0293730) .466286 9 .3196489)
11-24 2020-	115.55	0 0 16.750	0015.17	70 0 16.030) 7 649920 0 13	3.585 36 0074672	2020	0.8075	0.0069	95940.6	6959407	0.029373) .466286 \) .3196489	9
11-25	110 55	0017 400	001000	00016 506	00000190014	19950000000	0000	0.0075	0.0000	00000	2005000	0.0000706	1.4cc00c0 910c40	
2020- 11-27	110.57	0 u 17.490	J U 16.22	20 u 16.590	/4 009130 U 14	.1335330048263	2020	0.8075	0.0069	92600.0	925980	0.0293730).466286 0 .3196489)
2020- 11-30	116.97	0 0 20.970	016.81	.0 0 19.050	0 0 694102 00 6	5.541701.0210996	2020	0.8075	0.0067	78290.6	6782864	0.0293738) .466286 9 .3196489)
2020-	121.01	0 0 23.470	0 0 20.01	0022.720	00277282000	.134380308274	2020	0.8075	0.0065	58000.6	5580019	0.0293738) .466286 9 .3196489)
12-01 2020-	122.02	0 0 23.370	0020.89	00023.080	8 900420 0 20	.48681.0029335	2020	0.8075	0.0065	56080.6	3560773	0.029373) .466286 9 .3196489	9
12-02														
2020- 12-03	123.52	U U 23.780	JU 22.21	.0 u 22.940	0 7 896760 0 20	0.34975 - 0.0011375		0.8075	0.006	06820.6	0508245	0.0293730).466286 0 .3196489)
2020- 12-04	122.60	0022.860	0021.52	20 0 22.250	7 826040 0 19	0.67430 - 0.0056125		0.8075	0.0066	60530.6	6605317	0.0293736) .466286 9 .3196489)
2020-	122.31	0 0 24.570	0022.25	50 0 23.750	8 671200 0 21	.142699.0122699		0.8075	0.0065	52530.6	5525253	0.0293738) .466286 9 .3196489)
12-07 2020-	124.37	0 0 24.980	0 0 23.09	00 0 24.380) 8 222550 0 21	.759400.0050909	2020	0.8075	0.0064	49220. <i>6</i>	6492201	0.029373f) .466286 9 .3196489)
12-08		- 12.000											200.0100	

Dates	Open H	igh	Low	Close	Volume	Adjustedaily	retur ys ar	Divide	n d iv_yiel d iv_yield_p	ensedentragernslatilityvolatility_avg
2020-	124.53002	25.950 0	21.00	0021.780	0150892	00 9.21419		0.8075	0.00663080.6630810	0.029373 3 .466286 3 .3196489
12-09 2020-	120 5000	09 970 a	20.150	O n 92 970	N Q 191990	0.020		0.9075	0.00655230.6552256	0.029373 9 .466286 8 .3196489
2020- 12-10	120.3000	23.87UU	20.130	U U Z3.Z40	00131220	UZU.0434ZU11	9000 2020	0.8075	0.00055250.0552250	0.029373 0 .400280 0 .3190489
2020-	122.43002	22.760 0	20.55	0022.410	0 8 693980	0 19.83093		0.8075	0.00659670.6596683	$0.029373 \\ 9.466286 \\ 9.3196489$
12-11 2020-	122 6000)3 350 0	21 54	0 0 1 780	0 7 019450	0.006 0 19.21419		0.8075	0.00663080.6630810	0.029373 3 .466286 8 .3196489
12-14	122.00002	20.0000	21.04	0021.700	00010400	0.005		0.0010	0.00003000.0030010	0.0233130.4002000.3130403
2020-	124.340 0 2	27.900 0	24.13	0027.880	0 0 572437	02 5.185 67 .050	0903 2020	0.8075	0.00631450.6314514	$0.029373 \\ 9.466286 \\ 9.3196489$
12-15 2020-	127.41002	28.370 0	26.560	0027.810	0 9 820860	0 25.11714	- 2020	0.8075	0.00631800.6317972	0.029373 3 .466286 3 .3196489
12-16						0.000	5474			
2020- 12-17	128.900 0 2	29.580 0	28.04	0 0 28.700	0 9 435980	Q 25.988 40 0006	9635 2020	0.8075	0.00627430.6274281	0.029373 3 .466286 3 .3196489
2020-	128.960 0 2	29.100 0	26.12	0 0 26.660	00925415	02 3.99139	- 2020	0.8075	0.00637530.6375335	0.029373 8 .466286 8 .3196489
12-18						0.015				
2020- 12-21	125.02002	28.310 0	23.450	0028.230	00212516	002 5.528300012	3953 2020	0.8075	0.00629730.6297279	0.029373 3 .466286 3 .3196489
2020-	131.610 0 3	34.410 0	29.65	0031.880	00689048	02 9.101 40 .028	4646 2020	0.8075	0.00612300.6122990	0.029373 3. 466286 8. 3196489
12-22 2020-	199 160019	29 420 0	20.79	೧୩	1 0 099970	Q 28.20078	- 2020	0.9075	0.00616600.6166005	0.029373 3 .466286 8 .3196489
2020- 12-23	132.1000.)2.43UU	30.76	0430.900	J 0 022310	0.006		0.6075	0.00010000.0100003	0.029373 0 .400200 0 .3190409
2020-	131.320 0 3	33.460 0	31.10	0 0 31.970	0 5 493010	0 29.1895 0 0007	7122 2020	0.8075	0.00611880.6118815	$0.029373 \boldsymbol{\vartheta}.466286 \boldsymbol{\vartheta}.3196489$
12-24 2020-	133 99003	37 340 0	33 510	0 0 36 690	0 0 244862	08 3 81003035	7657 2020	0.8075	0.00590750.5907528	0.029373 8 .466286 8 .3196489
12-28	100.0004)1.010 u	00.01	0490.00	04211002	.01003099	1001 2020	0.0010	0.00000100.0001020	0.0233130.1002000.3130100
2020- 12-29	138.05003	38.790 0	34.34	0034.870	0 0 210473	0.013		0.8075	0.00598720.5987247	0.029373 8 .466286 8 .3196489
2020-	135.58003	35.990 0	33.40	0 0 33.720	0 9 645210	0.013 0 30.90263		0.8075	0.00603870.6038738	0.029373 8 .466286 8 .3196489
12-30		–				0.008				
2020- 12-31	134.08003	34.740 0	31.720	0 0 32.690) 9 911660	Q 29.89430 0.007		0.8075	0.00608560.6085613	0.029373 3 .466286 8 .3196489
2021-	133.52003	33.610 0	26.76	0029.410	0 0 433019	02 6.68344		0.8650	0.00668420.6684182	$0.015815 \\ \mathbf{\mathfrak{g}}.251059 \\ \mathbf{\mathfrak{g}}.3196489$
01-04	100 0000	01 740 0	00 494	00.91 01/	0 07 66400	0.024		0.0650	0.00660250.6602550	0.0150150.9510500.9106490
2021- 01-05	128.89003	31.740 U	28.43	0 u 31.010	J 9 700490	U 28.249 (U U 1 2	3037 2021	0.8050	0.00000250.0002550	0.015815 8 .251059 6 .3196489
2021-	127.720 0 3	31.050 0	26.38	0 0 26.600	0 0 550880	02 3.93262		0.8650	0.00683250.6832544	$0.015815 \\ 9.251059 \\ 6.3196489$
01-06 2021-	128 36003	81 630 0	27 860	0 0 30 920	00 095782	0.033 161 <i>0</i> 108 161		0.8650	0.00660710.6607088	0.015815 3 .251059 6 .3196489
01-07	120.0004)1.000Q	21.00	0490.02	0000102	.10101.001	1202 2021	0.0000	0.00000110.0001000	0.0100100.2010000.0100100
2021- 01-08	132.43003	32.630 0	30.23	0 0 32.050	00051582	02 9.2678 4 008	6313 2021	0.8650	0.00655050.6550549	$0.015815 \\ 9.251059 \\ 6.3196489$
2021-	129.190 0 3	30.170 0	28.50	0028.980	0003845	02 6.26249	- 2021	0.8650	0.00670650.6706466	0.015815 3 .251059 6 .3196489
01-11	100 5000		20.00	0.000.000		0.023		0.0050	0.000=1500.0=15000	0.0150150.0510500.0100100
2021- 01-12	128.50002	29.690 0	26.860	0 0 28.800) 9 195110	0 26.08628 0.001		0.8650	0.00671580.6715838	0.015815 8 .251059 6 .3196489
2021-	128.76003	31.450 0	28.49	0 0 30.890	0 8 863680			0.8650	0.00660860.6608603	$0.015815 \\ \boldsymbol{9}.251059 \\ \boldsymbol{6}.3196489$
01-13 2021-	120 2000	21 0000	28 761	0 0 1000 010	^^ 022180	Q 26.19397	- 2021	0.8650	0.00671010.6710108	0.015815 3 .251059 6 .3196489
01-14	130.0000)1.000 u	20.70	0420.910	J 9 022100	0.015		0.0000	0.00071010.0710108	0.013013 0 .231039 0 .3190409
2021-	128.78003	30.220 0	27.00	0027.140	00115985	024.46126		0.8650	0.00680350.6803524	$0.015815 \\ 9.251059 \\ 6.3196489$
01-15 2021-	127.78002	28.710 0	26.94	0 0 27.830) 9 075730	0.013 0. 25.136 73 005		0.8650	0.00676680.6766800	0.015815 3 .251059 6 .3196489
01-19										
2021- 01-20	128.660 0 3	32.490 0	28.550	0 0 32.030	0 0 043195	02 9.248 23 032	8561 2021	0.8650	0.00655150.6551541	0.015815 3 .251059 6 .3196489
2021-	133.80003	39.670 0	33.59	0036.870	0 0 201509	03 3.986 24 036	6583 2021	0.8650	0.00631990.6319866	$0.015815 \\ 9.251059 \\ 6.3196489$
01-21	196 0000	ON OFOR	9E 00	വർമെ വ)(N 1 4 4 F O 4	40 6 12000 010	0797 0001	0.0650	0.00691000.6910000	0.0150150.0510500.0106400
2021- 01-22	130.28003	1 006.86	აა.∪2(U u 39.U7(J u 144594	: uo 0.1399 4 U16	0737 <i>2</i> 021	0.8050	0.00621990.6219889	0.015815 8 .251059 6 .3196489

Dates	Open	High	Low	Close	Volume Ad	justedlaily.retu	r yse ar	Divide	n d iv_yiel d iv	v_yield_	peı sıd<u>ın</u>tağurus latilityvolatilit	- ty_avg
2021- 01-25	143.07	0 0 45.09	0036.54	40 0 42.920	0 0 576117 03 9	0.908840276838	2021	0.8650	0.00605230	0.6052337	7 0.015815 8 .251059 6 .31964	89
2021-	143.60	0 0 44.30	0041.37	70 0 43.160	0 9 839060 0 40).143 72 0016793	2021	0.8650	0.00604220	0.6042190	0.015815 8 .251059 6 .31964	.89
01-26 2021-	143.43	0 0 44.30	0040.41	10 0 42.060	0 0 408438 03 9).06691 -	2021	0.8650	0.00608900	0.6088977	7 0.015815 8 .251059 6 .31964	89
01-27						0.0076838						00
2021- 01-28	139.52	0 u 41.99	UU30.70	JU U 37.U90	0 0 426211 03 4	1.20164 - 0.0349852		0.8650	0.00630970	0.6309724	4 0.015815 3 .251059 6 .31964	.89
2021- 01-29	135.83	0 0 36.74	0030.21	10 0 31.960	0 07 75238 02 9	0.17973 - 0.0374206		0.8650	0.00655500	0.6555016	3 0.015815 3 .251059 6 .31964	89
2021-	133.75	0 0 35.38	0 0 30.93	30 0 34.140	0 0 062398 03 1	.313830165201		0.8650	0.00644850	0.6448487	7 0.015815 8 .251059 6 .31964	89
02-01 2021-	135.73	0 0 36.31	0 0 34.61	10 0 34.990	0 8 330540 0 32	2.145840063367	2021	0.8650	0.00640790	0.6407882	2 0.015815 3 .251059 6 .31964	.89
02-02 2021-	125 76	0 0 125 77	'n n 22 61	10 0 133 040	0 8 988090 0 31	.11800 -	2021	0.8650	0.00645810	6459115	5 0.015815 3 .251059 6 .31964	80
02-03						0.0077784						:09
2021- 02-04	136.30	0 0 37.40	0034.59	90 0 37.390	0 8 418310 0 34	1.4953000257578	2021	0.8650	0.00629590	0.6295946	6 0.015815 8 .251059 6 .31964	89
2021-	137.35	0 0 37.42	0035.86	30 0 36.760	0 7 569380 0 34			0.8650	0.00632490	0.6324949	0.015815 8 .251059 6 .31964	89
02-05 2021-	136.03	0 0 36.96	0034.92	20 0 36.910	0 7 129720 0 34	0.0045855 225 69 0010969		0.8650	0.00631800	0.6318019	0.015815 8 .251059 6 .31964	89
02-08 2021-	136.62	0037.88	0035.85	50 0 36.010	0 0 677420 0 33	3.34334 -	2021	0.8650	0.00635980	0.6359827	7 0.015815 8 .251059 6 .31964	89
02-09						0.0065737	•					
2021- 02-10	136.48	0 u 36.99	0 0 34.40)0 u 35.390	0 7 304660 0 32	2.73549 - 0.0045585		0.8650	0.00638900).6388950	0.015815 3 .251059 6 .31964	.89
2021- 02-11	135.90	0 0 36.39	0033.77	70 0 35.130	0 6 428000 0 32	2.48061 - 0.0019203		0.8650	0.00640120	0.6401243	3 0.015815 3 .251059 6 .31964	89
2021-	134.35	0 0 35.53	0033.69	90 0 35.370	0 6 014510 0 32	2.715900017760		0.8650	0.00638990	0.6389895	5 0.015815 3 .251059 6 .31964	89
02-12 2021-	135.49	0 0 36.01	0032.79	90 0 33.190	0 8 057630 0 30	0.57863 -	2021	0.8650	0.00649450	0.6494481	0.015815 3 .251059 6 .31964	.89
02-16 2021-	121 95	∩ ຓ ຌ໑຺໑໑	n n 20 45	70 0 30 840	0 9 791850 0 28	0.0161040 3.27470 -		0.8650	0.00661110) 6611199	8 0.015815 8 .251059 6 .31964	80
02 - 17						0.0176440						
2021- 02-18	129.20	0 0 30.00	0027.41	10 0 29.710	0 9 685670 0 27	7.16689 - 0.0086364	-	0.8650	0.00666870	0.6668722	2 0.015815 3 .251059 6 .31964	.89
2021- 02-19	130.24	0 0 30.71	0028.80	00 0 29.870	0 8 766880 0 27	7.3237380012334		0.8650	0.00666050	0.6660507	7 0.015815 3 .251059 6 .31964	89
2021-	128.01	0029.72	0025.60	00026.000	0 0 039164 02 3		-	0.8650	0.00686510	0.6865079	0.015815 8 .251059 6 .31964	89
02-22 2021-	123.76	0 0 26.71	0018.39	90 0 25.860	0 0 582730 02 3	0.0297990 3.39234 -		0.8650	0.00687270	0.6872716	6 0.015815 8 .251059 6 .31964	.89
02-23 2021-	194.04	0495 56	വർവെ വ	00 4 05 950	0 0 110399 00 2	0.0011111		0.0650	0.00690070	0.00008 7 9		
02 - 24						0.0040521						
2021- 02-25	124.68	0 0 26.46	0 0 20.54	40 0 20.990	0 0 481995 00 8	3.61782 - 0.0347826		0.8650	0.00714940	0.7149351	0.015815 8 .251059 6 .31964	89
2021-	122.59	0 0 24.85	0021.20	00 0 21.260	0 0 645604 00 8	3.882 53 0022316		0.8650	0.00713340	0.7133432	2 0.015815 8 .251059 6 .31964	89
02-26 2021-	123.75	0 0 27.93	0022.79	90 0 27.790	0 0 163079 02 5	5.284 52 0538512	2021	0.8650	0.00676890	0.6768918	8 0.015815 8 .251059 6 .31964	89
03-01 2021-	128 41	0028 72	0025 01	10 0 25 120	0 0 022609 02 2	2.66685 -	2021	0.8650	0.00691340	0.6913363	3 0.015815 8 .251059 6 .31964	89
03-02						0.0208936	_					
2021- 03-03	124.81	∪ u 25.71	U U 21.84	10 0 22.060	0 0 129663 00 9	0.66684 - 0.0244566		0.8650	0.00708670	0.7086679	0.015815 3 .251059 6 .31964	89
2021- 03-04	121.75	0 0 23.60	0018.62	20 0 20.130	0 0 781550 00 7	7.77467 - 0.0158119	-	0.8650	0.00720050	0.7200533	3 0.015815 3 .251059 6 .31964	89
2021-	120.98	0 0 21.94	0017.57	70 0 21.420	0 0 537666 00 9	0.0158119		0.8650	0.00712400	0.7124032	2 0.015815 8 .251059 6 .31964	.89
03-05 2021-	120.93	0 0 21.00	0016.21	LO 0 16.360	0 0 543766 00 4	1.07861 -	2021	0.8650	0.00743380	0.7433826	6 0.015815 8 .251059 6 .31964	.89
03-08		0	·			0.0416735	-					-

19.0300 22.0600 18.7900 21.0900 28.25500 8.71580 0.06497 2021 0.8650 0.00714340.714344.7 0.0158150 2510500.3196489 3.10 22.1500 22.1700 19.500 19.800 19.800 19.800 19.800 19.800 19.800 19.800 19.800 20.001657 2021 0.8650 0.00709250.7092489 0.0158150 2510590.3196489 3.15 22.1500 22.2500 2	Dates	Open Hig	h Low	Close	Volume Ad	iustedlaily retu	r we ar	Divide	n d iv viel d iv vi	ield ne	ersæntrætermalatilit	 vvolatility av
221 21.690422.170019.450019.9801119433907.62764 - 2021 0.8650 0.00720950.720953. 0.0158159.2510599.3196489 222.54023.210021.200021.900030265009.5684.0165027 2021 0.8650 0.00702950.7092489 0.0158159.2510599.3196489 222.1021 21.11024.000020.420023.9900240380021.55900.0244567 2021 0.8650 0.00697610.6976380 0.0158159.2510599.3196489 222.1021 21.71024.000020.420023.9900240380021.55900.0244567 2021 0.8650 0.00697610.6976380 0.0158159.2510599.3196489 222.80027.20024.720025.5700152279023.10802127430 2021 0.8650 0.00698330.6933312 0.0158159.2510599.3196489 222.80027.20024.20022.340024.760019326002.3391 0.0064450 2021 0.8650 0.00720890.720893 0.0158159.2510599.3196489 2021 0.8650 0.00717660.7176637 0.0158159.2510599.3196489 2021 0.8650 0.00720890.720893 0.0158159.2510599.3196489 2021 0.8650 0.00720890.720893 0.0158159.2510599.3196489 2021 0.8650 0.00720890.720893 0.0064450 2021 0.8650 0.0070020.000853050017.73516 2021 0.8650 0.00700290.70020.000853050017.73516 2021 0.8650 0.00700290.70020.000853050017.73516 2021 19.540421.660019.000020.590988470018.225650041635 0221 0.8650 0.00717350.7173066 2021 19.540421.660019.000020.590988470018.225650041635 0221 0.8650 0.00717350.7175793 2021 12.860021.300019.9008567190017.59139 2021 12.860022.580020.730021.200407120018.8333200051414 0221 0.8650 0.0071280.71350.72510590.3196489 2021 12.860022.580020.730021.200407120018.8333200051414 0221 0.8650 0.0071280.71350.72510390.3196489 2021 12.650022.580020.730021.200407120018.833320005144 0221 0.8650 0.0071280.71350.72510590.3196489 2021 12.650022.580020.730021.200407120018.833320005144 0221 0.8650 0.0071280.71350.72510390.3196489 2021 12.650022.580020.730021.200407120018.833320005144 00018.80019.90085071900000000000000000000000000000000000	2021-	-	,			· · · · · · · · · · · · · · · · · · ·						<u> </u>
3-10	03-09										0.0150150.05105	0.0.0.0.0.0
122-510923.210921.260021.9600030265009.5688.0165027 2021 (0.8650 0.00709250.7092489 0.0158150.2510590.3196489 3.12	2021- 03-10	121.690 0 22	.170 0 19.4	50 0 19.980) 0 119433 00 7			0.8650	0.00720950.720)9535	0.015815 3 .251059	9 6 .3196489
121	2021-	122.540 0 23	.210 0 21.20	60 0 21.960	00030265009			0.8650	0.00709250.709	2489	0.015815 3 .25105	9 6 .3196489
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3-15 2-16 2-17 2-18 2-18 2-19 2-19 2-19 2-19 2-19 2-19 2-19 2-19	03-12	120.400@21	.110015.10	00421.000	001001001			0.0000	0.00714700.714	10300	0.0100100.20100	J 0. 9130403
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124.050025.860022.340024.7600119326022.31391	2021-	125.700 0 27	7.220 0 24.72	20 0 25.570	00152279003	3.108020127430	2021	0.8650	0.00688860.688	88588	0.015815 3 .25105	9 6 .3196489
3-17	03-16	194 050095	060 0 00	40 0 04 760	\ A 110296 AA 5	0.91901	2021	0.0650	0.00602220.602	09919	0.0150150.05105	n a 2106490
3-18	03-17	124.050 0 25	.860 u 22.34	40 0 24.760	JU119326UU2			0.8650	0.00693330.693	33312	U.U15815 8 .25105	9 0 .3196489
19900021.430019.680019.9900855495007.63743	2021-	122.880 0 23	.180 0 20.32	20 0 20.530	0 0 212297 00 8			0.8650	0.00717660.717	6637	0.015815 3 .25105	9 6 .3196489
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3-22 123.330024.240022.140022.5400546710020.13744 - 2021 0.8650 0.00705890.7058919 0.0158150.2510596.3196489 0.123.330024.240022.900020.070020.0906853050017.73546 - 2021 0.8650 0.00720290.7202931 0.0158150.2510596.3196489 0.19935 0.19935 0.196489 0.19935 0.196489 0.19935 0.196489 0.19935 0.196489 0.19935 0.196489 0.19935 0.196489 0.19935 0.196489 0.19935 0.19935 0.196489 0.19935 0.19935 0.196489 0.19935 0.19935 0.196489 0.19935 0.19935 0.19935 0.196489 0.19935 0.1993	03-19					0.0044802						
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	2021-	123.330 0 24	.240 0 22.1	40 0 22.540	0 9 546710 0 20).13744 -	2021	0.8650	0.00705890.705	8919	0.015815 8 .25105	9 6 .3196489
3-24 19.540021.660019.000020.5900884470018.225030041635 2021 0.8650 0.00717310.7173066 0.0158150.2510590.3196489 3-25 021- 120.350021.480018.920021.2100407120018.833320051414 2021 0.8650 0.00713640.7136375 0.0158150.2510590.3196489 3-26 021- 121.650022.580020.730021.3908081920019.009980014850 2021 0.8650 0.00712580.7125793 0.0158150.2510590.3196489 3-29 120.110020.400018.860019.9008567190017.54919 - 2021 0.8650 0.00721430.7214345 0.0158150.2510590.3196489 3-30 0.0122745 021- 121.650023.520021.150022.1500183238009.755100187656 2021 0.8650 0.00708150.7081457 0.0158150.2510590.3196489 3-31 021- 123.660024.180022.490023.00007508910020.588410069586 2021 0.8650 0.00703250.7032520 0.0158150.2510590.3196489 4-01 021- 123.870026.160023.070025.9008865120023.431310235772 2021 0.8650 0.0068750.6870532 0.0158150.2510590.3196489 4-05 021- 126.500027.130025.650026.2108017130023.735470024623 2021 0.8650 0.00685370.6853657 0.0158150.2510590.3196489 4-06 021- 128.950030.390028.520030.3608884460027.804410192338 2021 0.8650 0.0066350.6635471 0.0158150.2510590.3196489 4-08 021- 128.950030.390028.520030.3608884460027.804410192338 2021 0.8650 0.0066350.6635471 0.0158150.2510590.3196489 4-08 021- 128.950030.390028.520030.36008884460027.804410192338 2021 0.8650 0.0066350.6635471 0.0158150.2510590.3196489 4-08 021- 128.950030.390028.520030.36008884460027.804410192338 2021 0.8650 0.0066350.6635471 0.0158150.2510590.3196489 4-08 021- 128.950030.390028.520030.36008884460027.804410192338 2021 0.8650 0.0066350.6635471 0.0158150.2510590.3196489 4-09 021- 132.520033.850030.630031.2400142000028.66685 - 2021 0.8650 0.0066350.6635476 0.0158150.2510590.3196489 4-14 0.0178531 021- 134.340035.000031.660032.0308722280029.44139 - 2021 0.8650 0.0066415006434576 0.0158150.2510590.3196489 4-15 021- 134.340035.000033.640034.5008934710031.862960187079 2021 0.8650 0.00664150064134576 0.0158150.2510590.3196489 4-15 021- 134.300034.670033.380034.16008492240031.52962 - 2021 0.8650 0.00664150016 0.00158150.2510590.3196489 4-15 021- 135.500035.530031.810033.1100	03-23	199 890099	. 000 0.2 0 0'	7 0 0 20 000	N Q Q52050 0 15			0.8650	0.00720200.720	19021	0.0158158.25105	0 6 3106480
3-25 021- 120.350021.480018.920021.2100407120018.833320051414 2021 0.8650 0.00713640.7136375 0.0158150.2510590.3196489 021- 121.650022.580020.730021.3908081920019.009980014850 2021 0.8650 0.00712580.7125793 0.0158150.2510590.3196489 021- 120.110020.400018.860019.9006567190017.54919 - 2021 0.8650 0.00721430.7214345 0.0158150.2510590.3196489 03-30 0.0122745 021- 121.650023.520021.150022.1500183238009.755100187656 2021 0.8650 0.00708150.7081457 0.0158150.2510590.3196489 03-31 021- 123.870026.160023.070025.9006865120023.431310235772 2021 0.8650 0.00763250.7032520 0.0158150.2510590.3196489 04-05 021- 125.830027.130025.650026.2108017130023.735470024623 2021 0.8650 0.00685370.6853657 0.0158150.2510590.3196489 04-06 021- 125.830027.920025.140027.99008346670025.392380133904 2021 0.8650 0.006685370.6853657 0.0158150.2510590.3196489 04-07 021- 128.950030.390028.520030.36008884460027.8041k10192338 2021 0.8650 0.00665370.6853657 0.0158150.2510590.3196489 04-08 04-09 04-0	03-24	122.020422	.900 u 20.0	70 u 20.090	000000u1			0.0000	0.00120290.120	12931	0.013813 3 .23103.	90.3190409
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3-29 021- 3-30 021- 3-30 0-0.0122745 021- 121.650023.520021.150022.1500183238009.755\\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(03-26	101 050400	F00000 5	20401 20	0000100001	0.000000014050	0001	0.0050	0.00710500.710	NE 700	0.0150150.05105	00.0100400
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4-07 021- 129.800033.040029.470033.0000066867030.392360202516 2021 0.8650 0.00663550.6635471 0.0158153.2510590.3196489 4-09 021- 132.520032.850030.630031.2409142000028.66685 - 2021 0.8650 0.00659100.6590978 0.0158153.2510590.3196489 4-12 0.0132330 021- 132.440034.660031.930034.4309126650031.7943300243065 2021 0.8650 0.00643460.6434576 0.0158153.2510590.3196489 4-13 021- 134.940035.000031.660032.0308722280029.44139 - 2021 0.8650 0.00655150.6551541 0.0158153.2510590.3196489 4-14 0.0178531 021- 133.820035.000033.640034.5008934710031.862960187079 2021 0.8650 0.00643120.6431227 0.0158153.2510590.3196489 4-15 021- 134.300034.670033.280034.1608492240031.52962 - 2021 0.8650 0.00644750.6447525 0.0158153.2510590.3196489 4-16 0.0025279 021- 133.510035.470033.340034.8409426420032.196260050685 2021 0.8650 0.00641500.6415011 0.0158153.2510590.3196489 4-19 021- 135.020035.530031.810033.1109481230030.50023 - 2021 0.8650 0.00649840.6498385 0.0158153.2510590.3196489	04-06	120.5000121	.130425.0	JUU 20.210	J O 017130 U 2.).13341.0024023	2021	0.0000	0.00065370.065	1000	0.013813 3 .23103.	90.3190409
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	04-19 2021-	135.020035	.530031.8	10 0 33.110	0 9 481230 0 30	0.50023 -	2021	0.8650	0.00649840.649	08385	0.015815 3 .251059	9 6 .3196489
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Dates	Open High	Low C	Close V	Volume Adj	ustedaily.retur	near	Divider	n d iv_yieldiv_yield_	 persud <u>n</u> trægernslatilityvolatility_av
2021- 04-21	132.360033.75	0 0 31.300 0	33.5000	\$884710 0 30	.8825280029299	2021	0.8650	0.00647940.6479401	0.015815 0 .251059 0 .3196489
2021- 04-22	133.040 0 34.15	0 0 31.410 0	31.940	3456650 0 29	.35310 - 0.0116854		0.8650	0.00655600.6556010	$0.015815 \\ 9.251059 \\ 6.3196489$
2021- 04-23	132.160 0 35.12	0 0 32.160 0	34.3200	7865750 0 31			0.8650	0.00643980.6439845	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\vartheta}.3196489$
2021- 04-26	134.830035.06	0 0 33.560 0	34.7200	3 690510 0 32	.0786330029779	2021	0.8650	0.00642070.6420724	$0.015815 \\ 9.251059 \\ 6.3196489$
2021- 04-27	135.010 0 35.41	0 0 34.110 0	34.3906	3601580 0 31	.75511 - 0.0024495	2021	0.8650	0.00643650.6436491	$0.015815 \\ 9.251059 \\ 6.3196489$
2021- 04-28	134.310 0 35.02	0 0 33.080 0	33.5800	1077601 03 0		2021	0.8650	0.00647550.6475520	$0.015815 \\ 9.251059 \\ 6.3196489$
2021- 04-29	136.470 0 37.07	0 0 32.450 0	33.480 0	1511010 03 0		2021	0.8650	0.00648040.6480372	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 04-30	131.780 0 33.56	0 0 31.070 0	31.4600	1098395 02 8		2021	0.8650	0.00657990.6579948	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-03	132.040 0 34.07	0 0 31.830 0	32.5400	7 513510 0 29		2021	0.8650	0.00652630.6526332	$0.015815 \\ \mathbf{\vartheta}.251059 \\ \mathbf{\vartheta}.3196489$
2021- 05-04	131.190 0 31.49	0 0 26.700 0	27.850 0	1375647 02 5	.34332 - 0.0353855	2021	0.8650	0.00676570.6765741	$0.015815 \\ \mathbf{\vartheta}.251059 \\ \mathbf{\vartheta}.3196489$
2021- 05-05	129.200 0 30.45	0 0 27.970 0	28.1008	3400090 0 25		2021	0.8650	0.00675250.6752537	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-06	127.890 0 29.75	0 0 27.130 0	29.7400	7812830 0 27	.196 29 .0128025	2021	0.8650	0.00666720.6667180	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-07	130.850 0 31.26	0 0 29.480 0	30.2100	7 897330 0 27	.8739330036226	2021	0.8650	0.00664310.6643115	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-10	129.410 0 29.54	0 0 26.810 0	26.8508	807120 0 24	.57417 - 0.0258045	2021	0.8650	0.00681910.6819078	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-11	123.500 0 26.27	0022.7700	25.910 0	1261428 02 3		2021	0.8650	0.00687000.6869986	0.015815 3 .251059 6 .3196489
2021- 05-12	123.400 0 24.64	0 0 22.250 0	22.770 0	1121723 02 0		2021	0.8650	0.00704570.7045695	$0.015815 \\ 3.251059 \\ 6.3196489$
2021- 05-13	124.580 0 26.15	0 0 24.260 0	24.9700	1058613 02 2		2021	0.8650	0.00692170.6921661	0.015815 3 .251059 6 .3196489
2021- 05-14	126.250 0 27.89	0 0 25.850 0	27.4500	3191800 0 25	.16341.0198447	2021	0.8650	0.00678700.6786975	0.015815 3 .251059 6 .3196489
2021- 05-17	126.820 0 26.93	0 0 25.170 0	26.2700	J 424460 0 24	.00458 - 0.0092585	2021	0.8650	0.00685040.6850400	0.015815 3 .251059 6 .3196489
2021- 05-18	126.560 0 26.99	0 0 24.780 0	24.8500	334290 0 22		2021	0.8650	0.00692830.6928314	0.015815 3 .251059 6 .3196489
2021- 05-19	123.160 0 24.92	0 0 22.860 0	24.6900) 261200 0 22		2021	0.8650	0.00693720.6937204	0.015815 3 .251059 6 .3196489
2021- 05-20	125.230 0 27.72	0 0 25.100 0	27.3100	7685710 0 25		2021	0.8650	0.00679440.6794439	0.015815 3 .251059 6 .3196489
2021- 05-21	127.820 0 28.00	0 0 25.210 0	25.4300	7929540 0 23	.17964 - 0.0147671	2021	0.8650	0.00689630.6896277	0.015815 3 .251059 6 .3196489
2021- 05-24	126.010 0 27.94	0 0 25.940 0	27.1000	3 309290 0 24		2021	0.8650	0.00680570.6805665	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-25	127.820 0 28.32	0 0 26.320 0	26.9000	7 200950 0 24	.62328 - 0.0015735	2021	0.8650	0.00681640.6816391	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-26	126.960 0 27.39	0 0 26.420 0	26.850 0	657590 0 24		2021	0.8650	0.00681910.6819078	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 05-27	126.440 0 27.64	0 0 25.080 0	25.280 9) 462560 0 23		2021	0.8650	0.00690450.6904534	$0.015815 \\ 3.251059 \\ 6.3196489$
2021- 05-28	125.570 0 25.80	0 0 24.550 0	24.6100	7131110 0 22		2021	0.8650	0.00694170.6941658	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 06-01	125.080 0 25.35	0 0 23.940 0	24.2806	3 763710 0 22		2021	0.8650	0.00696010.6960090	$0.015815 \\ \pmb{\vartheta}.251059 \\ \pmb{\delta}.3196489$
2021- 06-02	124.280025.24	0 0 24.050 0	25.060 0	5 927890 0 22		2021	0.8650	0.00691670.6916680	0.015815 9 .251059 6 .3196489

Dates	Open High	Low	Close	Volume Ad	justedlaily.retu	r yıe ar	Divide	n d iv_yiel d iv_yield_p	eradentragurus latilityvolatility_av
2021-	124.680 0 24.850	0023.130	123.540	7 622920 0 21			0.8650	0.00700180.7001781	0.015815 3 .251059 6 .3196489
06-03 2021- 06-04	124.070026.160	0023.850	1 25.890	7 516930 0 23	0.0121541 3.631 42 0190222		0.8650	0.00687110.6871078	0.015815 3 .251059 6 .3196489
2021- 06-07	126.170026.320	0024.830	1 25.900	7 105760 0 23	3.641240000795	2021	0.8650	0.00687050.6870532	$0.015815 \\ 3.251059 \\ 6.3196489$
2021- 06-08	126.600 0 28.460	0 0 26.210	0 26.740	7 440380 0 24	1.4661040066719	2021	0.8650	0.00682500.6824996	0.015815 3 .251059 6 .3196489
2021- 06-09	127.210 0 27.750	0026.520	0 27.130	5 687790 0 24	1.8491050030772	2021	0.8650	0.00680410.6804059	0.015815 3 .251059 6 .3196489
2021- 06-10	127.020028.190	0025.940	0 26.110	7 118640 0 23	3.84744 - 0.0080233		0.8650	0.00685910.6859091	0.015815 3 .251059 6 .3196489
2021- 06-11	126.530027.440	0 0 26.100	1 27.350	5 352240 0 25	5.065200098327	2021	0.8650	0.00679230.6792305	0.015815 3 .251059 6 .3196489
2021- 06-14	127.820030.540	0027.070	1 30.480	9 690650 0 28	8.139040245779	2021	0.8650	0.00662940.6629369	0.015815 3 .251059 6 .3196489
2021- 06-15	129.940 0 30.600	0 0 29.390	1 29.640	6 274630 0 27	7.31412 - 0.0064377		0.8650	0.00667230.6672323	0.015815 3 .251059 6 .3196489
2021- 06-16								0.00664620.6646178	0.015815 3 .251059 6 .3196489
2021- 06-17								0.00656350.6563473	0.015815 3 .251059 6 .3196489
2021- 06-18	130.710 0 31.510				0.0100917	•		0.00663040.6630384	0.015815 3 .251059 6 .3196489
2021- 06-21								0.00653820.6538171	0.015815 3 .251059 6 .3196489
2021- 06-22								0.00645620.6456188	0.015815 3 .251059 6 .3196489
2021- 06-23	133.770034.320				0.0020899			0.00646970.6469708	0.015815 3 .251059 6 .3196489
2021- 06-24	134.450034.640				0.0021690			0.00648380.6483772	0.015815 9 .251059 6 .3196489
2021- 06-25	133.460033.890				0.0022487	•		0.00649840.6498385	0.015815 9 .251059 6 .3196489
2021- 06-28								0.00641790.6417866	0.015815 3 .251059 6 .3196489
2021- 06-29								0.00634490.6344898	0.015815 0 .251059 0 .3196489
2021-06-30								0.00631570.6315712	0.015815 9 .251059 6 .3196489
2021- 07-01								0.00630140.6301450	0.015815 9 .251059 6 .3196489
2021- 07-02 2021-								0.00618030.6180337 0.00609070.6090691	0.015815 9 .251059 6 .3196489 0.015815 9 .251059 6 .3196489
07-06 2021-								0.00598330.5983260	0.015815 3 .251059 6 .3196489
07-07 2021-	141.580044.060							0.00603880.6038816	0.015815 3 .251059 6 .3196489
07-08 2021-					0.0091997	•		0.00596100.5960995	0.015815 3 .251059 6 .3196489
2021- 07-09 2021-	146.210 0 46.320							0.00598620.5986159	0.015815 3 .251059 6 .3196489
07-12 2021-					0.0042037	•		0.00593930.5939302	0.015815 3 .251059 6 .3196489
07-13 2021-								0.00579950.5799531	0.015815 3 .251059 6 .3196489
07-14 2021-	149.240 0 50.000				5.81612 -	2021		0.00582570.5825701	0.015815 8 .251059 6 .3196489
07-15					0.0044921				

Dates	Open I	High	Low	Close	Volume Ac	ljustedlaily.retu	r µe ar	Divide	n d iv_yield	liv_yield_	persæd <u>n</u> tægærnølati	lityvolatility_	_avg
2021- 07-16	148.4600	149.760	045.88	30 0 46.390	0 9 325140 0 4	3.76361 - 0.0140759		0.8650	0.0059089	00.5908874	4 0.015815 3 .251	059 6 .3196489)
2021-	143.7500	144.070	0 0 41.67	0042.450	0 0 214346 03	9.89427 -	2021	0.8650	0.0060723	30.6072306	3 0.015815 3 .251	059 6 .3196489)
07-19 2021-	143.4600	47.100	0 0 42.96	60 0 46.150	0 9 635000 0 4	$0.0269144 \\ 3.5279 1.0259740$		0.8650	0.0059186	30.591857	7 0.015815 3 .251	059 6 .3196489)
07-20 2021-	145.5300	146.130	0 0 44.63	0 0 45.400	0 7 499350 0 4			0.8650	0.0059491	10.594910	6 0.015815 8 .251	059 6 .3196489)
07-21 2021-	145.9400	148.200	045.81	0 0 46.800	0 7 733820 0 4	0.0051317 4.166 20 60096287		0.8650	0.0058924	10.5892370	0.015815 8 .251	059 6 .3196489)
07-22 2021-	147.5500)48.720	0046.92	20048.560	0 7 144740 0 4	5.894 6% 0119891	2021	0.8650	0.0058226	60.582256	3 0.015815 9 .251	059 6 .3196489)
07-23 2021-						6.31697.0028945							
07-26													
2021- 07-27					0 0 048186 0 4	0.0149003			0.0058936				
2021- 07-28	144.8100	146.970	042.54	.0 0 44.980	0018931200	2.37889 - 0.0121960		0.8650	0.0059663	30.5966340	0.015815 3 .251	059 6 .3196489)
2021- 07-29	144.690 0	146.550	044.58	60 0 45.640	0 5 669950 0 4	3.027050045524	2021	0.8650	0.0059393	30.5939302	2 0.015815 8 .2510	059 6 .3196489)
2021- 07-30	144.3800	146.330	0 44.11	0 0 45.860	0 7 044060 0 4	3.243 10 20015106	2021	0.8650	0.0059303	30.5930344	4 0.015815 3 .251	059 6 .3196489)
2021- 08-02	146.3600	146.950	045.25	0045.520	0 6 288000 0 4	2.90926 - 0.0023310		0.8650	0.0059442	20.5944200	0.015815 8 .251	059 6 .3196489)
2021- 08-03	145.8100	148.040	0 0 45.18	30 0 47.360	0 6 478660 0 4	4.7162220126443		0.8650	0.0058700	00.5869978	8 0.015815 3 .251	059 6 .3196489)
2021-	147.2700	1 47.790	046.28	30 0 46.950	0 6 636830 0 4			0.8650	0.0058864	10.5886356	3 0.015815 3 .251	059 6 .3196489)
08-04 2021-	146.9800	147.840	046.17	0047.060	0463977044	0.0027823 4.421 59 0007486		0.8650	0.0058820	00.588195	3 0.015815 3 .251	059 6 .3196489)
08-05 2021-	146.3500	147.110	0 0 45.63	0 0 46.140	0 6 412680 0 4	3.73314 -	2021	0.8650	0.0059190	00.5918982	2 0.015815 3 .251	059 6 .3196489)
08-06 2021-	146.2000	146.700	045.52	0 0 46.090	0 4 890870 0 4	0.0062559 3.68396 -		0.8650	0.0059210	00.5921008	8 0.015815 3 .251	059 6 .3196489)
08-09 2021-	146.4400	1 47.71(0 0 45.30	0 0 45.600	0 6 902310 0 4	0.0003422 3.20203 -		0.8650	0.0059409	00.5940934	4 0.015815 8 .251	059 6 .3196489)
08-10 2021-	146.0500	146.720) 0 45.53	30 0 45.860	0 4 849350 0 4	0.0033540 3.457 75 0017857		0.8650	0.0059303	30.5930344	4 0.015815 3 .251	059 6 .3196489)
08-11 2021-	146 1900	149 050	0045 84	.0 0 48 890	0 0 228260 0 4	6.4378 4 0207733	2021	0.8650	0.0058095	70 5809658	8 0.015815 9 .251	059 6 3196489)
08-12 2021-						6.644380014105		0.000					
08-13			,					0.000	0.00000				
2021- 08-16						8.6311000135479							
2021- 08-17	150.2300	151.680) 0 49.09	00050.190	0 9 222970 0 4	7.71642 - 0.0061540	-	0.8650	0.0057594	10.5759371	0.015815 3 .251	059 6 .3196489)
2021- 08-18	149.8000	150.720	0 0 46.15	0046.360	0 8 632600 0 4	3.94949 - 0.0255010	-	0.8650	0.0059101	10.591008	5 0.015815 9 .251	059 6 .3196489)
2021- 08-19	145.0300	148.000	0 0 44.50	0046.700	0 8 696030 0 4	4.283890023230	2021	0.8650	0.0058964	10.5896387	7 0.015815 3 .251	059 6 .3196489)
2021- 08-20	147.4400	148.500	0 0 46.78	80 0 48.190	0 6 054960 0 4	5.7493240101568	2021	0.8650	0.0058371	10.583710	0.015815 3 .251	059 6 .3196489)
2021- 08-23	148.3100	1 50.190	047.89	0 0 49.710	0 6 013180 0 4	7.244 35 0102571	2021	0.8650	0.0057778	30.577783	7 0.015815 3 .251	059 6 .3196489)
2021-	149.4500	150.860	0 0 49.15	60 0 49.620	0 4 860640 0 4		-	0.8650	0.0057813	30.578131	3 0.015815 3 .251	059 6 .3196489)
08-24 2021-	149.8100	150.320	0 0 47.80	0048.360	0 5 899130 0 4		2021	0.8650	0.0058304	10.5830412	2 0.015815 3 .251	059 6 .3196489)
08-25 2021-	148.3500	149.120	0 0 47.51	0047.540	0 4 859720 0 4		2021	0.8650	0.0058628	80.586281	7 0.015815 3 .251	059 6 .3196489)
08-26						0.0055271							

Dates	Open High	Low (Close V	olume Adi	ustedlailv.retu	rmear	Divide	n d iv viel d iv vield r	energentageruselatilityvolatility_avg
2021-								0.00582100.5820996	0.015815 3 .251059 6 .3196489
08-27 2021-	149.000 0 53.490	048.6100	53.120 9	095670 0 50.	.5981060304172	2021	0.8650	0.00564920.5649164	0.015815 3 .251059 6 .3196489
08-30 2021-	152.660 0 52.800	0 0 51.290 0	51.830 8	645310 0 49.			0.8650	0.00569720.5697161	0.015815 8 .251059 0 .3196489
08-31 2021- 09-01	152.830 0 54.980	0052.3400	52.510 8	031370 0 49	0.0084247 .998 20 0044786		0.8650	0.00567180.5671759	0.015815 3 .251059 6 .3196489
2021- 09-02	153.870 0 54.720	0 0 52.400 0	53.650 7	111550 0 51.	.1194330074749	2021	0.8650	0.00562970.5629678	$0.015815 \\ \boldsymbol{0}.251059 \\ \boldsymbol{0}.3196489$
2021- 09-03	153.760 0 54.630	0 0 53.090 0	54.300 5	780870 0 51.	.7587030042305	2021	0.8650	0.00560600.5605962	0.015815 3 .251059 6 .3196489
2021- 09-07	154.970 0 57.260	0 0 54.390 0	56.690 8	227830 0 54.	.109399.0154893	2021	0.8650	0.00552050.5520454	0.015815 0 .251059 6 .3196489
2021- 09-08					0.0100836			0.00557670.5576687	0.015815 8 .251059 6 .3196489
2021- 09-09	155.490 0 56.110				0.0067049			0.00561430.5614331	0.015815 9 .251059 0 .3196489
2021- 09-10	155.000 0 55.480				0.0331019			0.00580650.5806538	0.015815 0 .251059 0 .3196489
2021- 09-13								0.00578400.5784019	0.015815 9 .251059 6 .3196489
2021- 09-14 2021-	150.350 0 51.070				0.0095621			0.00583990.5839860 0.00580420.5804201	0.015815 3 .251059 6 .3196489 0.015815 3 .251059 6 .3196489
09-15 2021-	148.440 0 48.970							0.00581360.5813563	0.015815 3 .251059 6 .3196489
09-16 2021-	148.820 0 48.820				0.0016105			0.00592220.5922224	0.015815 3 .251059 6 .3196489
09-17 2021-	143.800 0 44.840				0.0183480			0.00605150.6051490	0.015815 8 .251059 6 .3196489
09-20 2021-	143.930 0 44.600	042.7800	43.430 7	583400 0 41.	0.0213611 .067 73 0034279		0.8650	0.00603080.6030817	0.015815 8 .251059 6 .3196489
09-21 2021-	144.450 0 46.430	0 43.700 0	45.850 7	640430 0 43.	.4479 2 0168724	2021	0.8650	0.00593080.5930751	0.015815 3 .251059 6 .3196489
09-22 2021-	146.650 0 47.080	045.6400	46.830 6	483820 0 44.	411 79 0067192	2021	0.8650	0.00589120.5891167	0.015815 8 .251059 0 .3196489
09-23 2021- 09-24	145.660 0 47.470	045.5600	46.920 5	347790 0 44.	.500 27 .0006129	2021	0.8650	0.00588760.5887558	0.015815 3 .251059 6 .3196489
09-24 2021- 09-27	145.470 0 45.960	043.8200	45.370 7	415070 0 42.	.97580 - 0.0105500		0.8650	0.00595030.5950334	0.015815 3 .251059 6 .3196489
2021- 09-28	143.250 0 44.750	0 41.690 0	41.910 0	089723 03 9.		2021	0.8650	0.00609540.6095412	0.015815 8 .251059 6 .3196489
2021- 09-29	142.470 0 44.450	0 42.030 0	42.830 7	460200 0 40.			0.8650	0.00605620.6056151	0.015815 3 .251059 6 .3196489
2021- 09-30	143.660 0 44.380	041.2800	41.500 8	905670 0 39.	.16951 - 0.0093118	-	0.8650	0.00611310.6113074	0.015815 3 .251059 6 .3196489
2021- 10-01	141.900 0 42.920	0 0 39.110 0	42.650 9	463960 0 40.	.3005\$80081272	2021	0.8650	0.00606380.6063793	0.015815 0 .251059 0 .3196489
2021- 10-04	141.760 0 42.210				0.0246056			0.00621680.6216760	0.015815 8 .251059 6 .3196489
2021- 10-05								0.00613000.6129970	0.015815 9 .251059 0 .3196489
2021- 10-06								0.00609150.6091549	0.015815 9 .251059 6 .3196489
2021- 10-07								0.00603670.6036709	0.015815 9 .251059 6 .3196489
2021- 10-08	144.030 0 44.180	JUI42.56UU	142.900 6	o ((320 U 40.	0.0027217	-	0.8050	0.00605320.6053184	0.015815 3 .251059 6 .3196489

Dates	Open Hi	gh L	ow	Close	Volume Ad	diustedlaily retu	rwear	Divide	n d iv viel d iv vield	persudentrægernsolatilityvolatilit	- v avg
2021-	-				0 6 445220 0 4	<u> </u>	-		0.00605700.605699		- T
10-11						0.0006298					
2021- 10-12	143.230 0 4	3.250 0 4	1.040	0041.51	0 7 303590 0 3	9.17937 - 0.0091030		0.8650	0.00611260.611264	42 0.015815 3 .251059 6 .31964	.89
2021-	141.240 0 4	1.400 0 3	9.200	0 0 40.91	0 7 876270 0 3			0.8650	0.00613870.613867	70 0.015815 3 .251059 6 .31964	89
10-13	140 1108 4	0.0008.4	1 51	20.40.50	0.00000 = 1.00	0.0042399		0.0050	0.00001500.001.00	7 0	00
2021- 10-14	142.110 U 4	3.880 u 4	1.510	J U 43.76	0 6 990710 u 4	:1.392 32 0202256	2021	0.8650	0.00601700.601697	73 0.015815 8 .251059 6 .31964	.89
2021-	143.770 0 4	4.900 0 4	3.510	0044.84	0 6 794030 0 4	2.4545 @0075125	2021	0.8650	0.00597210.597210	0.015815 3 .251059 6 .31964	89
10-15 2021-	143 45004	6 840 0 4	3 160	0046 55	0 8 558920 0 4	.4 136 37 0118062	2021	0.8650	0.00590240.590242	22 0.015815 3 .251059 6 .31964	.89
10-18											.00
2021- 10-19	147.010 0 4	9.1 700 4	6.550	0048.76	0 7 637890 0 4	6.309980150801	2021	0.8650	0.00581470.581473	35 0.015815 3 .251059 6 .31964	.89
2021-	148.70004	9.750 0 4	8.120	049.26	0 5 841880 0 4	6.8017040033611	2021	0.8650	0.00579530.579529	57 0.015815 9 .251059 6 .31964	.89
10-20	1.40.01.04.4	0.040014	7 07	00.40.40	0.001.401.004.4	7 01 010 001 4790	0001	0.0050	0.00550650.55065	07 0 01F01F 0 0F10F0 0 910C4	00
2021- 10-21	148.81004	9.640 u 4	1.870	J u 49.48	0 6 142100 u 4	:1.01810 5 0014739	2021	0.8650	0.00578670.578672	27 0.015815 8 .251059 6 .31964	.89
2021-	149.69005	0.180 0 4	8.640	048.69	0 5 888340 0 4			0.8650	0.00581750.581747	72 0.015815 3 .251059 6 .31964	.89
10-22 2021-	148.68004	9.370 0 4	7.620	0048.64	0 5 072060 0 4	0.0052849 6.19192 -		0.8650	0.00581940.581943	30 0.015815 3 .251059 6 .31964	89
10-25						0.0003363					
2021- 10-26	149.330 0 5	0.840 0 4	9.010	0049.32	0 6 089340 0 4	6.8607060045749	2021	0.8650	0.00579290.579292	28 0.015815 3 .251059 6 .31964	.89
2021-	149.360 0 4	9.730 0 4	8.490	0048.85	0 5 609490 0 4	6.39850 -	2021	0.8650	0.00581120.58112	19 0.015815 3 .251059 6 .31964	.89
10-27	140 0000	2 170014	0.790	0459 57	04000770 46	0.0031476		0.0650	0.00566950.566952	00 0.015015 0. 051050 0. 210 <i>6</i> 4	90
2021- 10-28	149.82005	3.170 u 4	9.720	J u 52.57	0 1 1000779 110	0.05 <i>12</i> #0249910	2021	0.8050	0.00500950.500952	28 0.015815 8 .251059 6 .31964	.89
2021-	147.22004	9.940 0 4	6.410	049.80	0 0 249532 0 0			0.8650	0.00577440.577436	66 0.015815 3 .251059 6 .31964	.89
10-29 2021-	148.99004	9.700 0 4	7.800	0048.96	0 7 458830 0 4	0.0181556 6.50671 -		0.8650	0.00580690.580692	28 0.015815 3 .251059 6 .31964	89
11-01						0.0056075					
2021- 11-02	148.660 0 5	1.570 0 4	8.650	0050.02	0 6 912200 0 4	7.549 21 .0071160	2021	0.8650	0.00576590.576589	98 0.015815 3 .251059 6 .31964	.89
2021-	150.390 0 5	1.970 0 4	9.820	0051.49	0 5 451150 0 4	.8.995 03 0097987	2021	0.8650	0.00570990.570994	48 0.015815 3 .251059 6 .31964	89
11-03 2021-	151 52005	2 42005	0.640	10 50 06	0 6 039460 0 4	Q 47279	2021	0.8650	0.00573000.572999	94 0.015815 3 .251059 6 .31964	80
11-04	191.90049	2.4 30U 3	0.040	J u 50.90	0 0 039400 u 4	0.0034986	-	0.0000	0.00373000.372998	94 0.013613 3 .231039 0. 31904	:09
2021-	151.890 0 5	2.200 0 5	0.060	0051.28	0 6 546390 0 4	9.0056330021197	2021	0.8650	0.00571790.571787	74 0.015815 3 .251059 6 .31964	89
11-05 2021-	151.410 0 5	1.570 0 5	0.160	0 0 50.44	0 5 502090 0 4	8.17824 -	2021	0.8650	0.00574980.574980	00 0.015815 3 .251059 6 .31964	.89
11-08						0.0055526					
2021- 11-09	150.200015	1.430 0 5	0.060	0 0 50.81	0 5 678790 0 4	8.54266.0024594	2021	0.8650	0.00573570.573569	94 0.015815 3 .251059 6 .31964	.89
2021-	150.02005	0.130 0 4	7.850	047.92	0 6 518710 0 4			0.8650	0.00584780.58477	56 0.015815 3 .251059 6 .31964	.89
11-10 2021-	148 06004	0 430 0 4	7 681	1 1 147 87	0 4 100000 0 4	0.0191632 5.64688 -		0.8650	0.00584970.58497	33 0.015815 3 .251059 6 .31964	80
11-11	140.90044	3.430 u 4	1.000	J u 41.01	00000004	0.0003380	-	0.0000	0.00304370.304376	55 0.019019 0. 291099 0. 9190 1	:03
2021-	148.430 0 5	0.400 0 4	7.480	049.99	0 6 380400 0 4	7.735020143370	2021	0.8650	0.00576710.576708	51 0.015815 3 .251059 6 .31964	.89
11-12 2021-	150.370 0 5	1.880 0 4	9.430	0 0 50.00	0 5 922280 0 4	7.7448060000666	2021	0.8650	0.00576670.576666	67 0.015815 9 .251059 6 .31964	.89
11-15											
2021- 11-16	149.940 0 5	1.490 0 4	9.340	J u 51.00	U 9 925620 0 4	:8.729 36 0066667	2021	0.8650	0.00572850.572847	77 0.015815 8 .251059 6 .31964	89
2021-	151.000 0 5	5.000 0 5	0.990	0053.49	0 8 880700 0 5	1.1824000164901	2021	0.8650	0.00563550.563554	46 0.015815 9 .251059 6 .31964	89
11-17 2021-	153 71005	8 670 0 5	3 050	1 0 57 87	0 0 378977 0 0	5 4965%0285360	2021	0.8650	0.00547920.547919	92 0.015815 3 .251059 6 .31964	.89
11-18	100.11000	o.010 u 0	5.000	Jug 11.01	O TO LITUE	.o.±500m0209900	2021	0.0000	0.00041920.041913	92 0.019019 0. 201099 0. 91904	.00
2021-	157.650 0 6	1.020 0 5	6.530	0 0 60.55	0 0 173056 00	8.136 25 0169760	2021	0.8650	0.00538770.538773	30 0.015815 9 .251059 6 .31964	89
11-19											

Dates	Open	High	Low	Close	Volume Adj	ustedlaily.retur	near	Divide	n d iv_yiel d iv	_yield_	persuentrageruslatilityvolatility	y_avg
2021-	161.68	0 0 65.70	00 0 61.00	00 0 61.020	0 0 174679 05 8	.599107.0029274	2021	0.8650	0.00537200.	5372003	0.015815 3 .251059 6 .319648	39
11-22 2021-	161.12	0 0 61.80	00059.06	60 0 61.410	0 9 604190 0 58	.983340024221	2021	0.8650	0.00535900.	5359023	0.015815 0 .251059 0 .319648	39
11-23 2021-	160.75	Ი Ი 62 1 <i>4</i>	I 005 0 6/	10 0 61 970	16 946360 0 59	.505390032836	2021	0.8650	0.0053/150	53/1/8/	0.015815 8 .251059 6 .319648	20
11-24												
2021- 11-26	159.57	0 0 60.45	50 0 56.36	60 0 56.810	0 7 695980 0 54	.45247 - 0.0316784		0.8650	0.00551620.	5516230	0.015815 8 .251059 6 .319648	39
2021-	159.37	0 0 61.19	00058.79	90 0 60.240	0 8 874820 0 57	.830930218737		0.8650	0.00539820.	5398153	0.015815 3 .251059 6 .319648	89
11-29 2021-	159.99	0 0 65.52	20 0 59.92	20 0 65.300	0 07 40481 06 2	.814850315776	2021	0.8650	0.00523290.	5232910	0.015815 0 .251059 6 .319648	39
11-30 2021-	167 48	0 07 0 30	0064 53	80 0 64 770	0 0 520525 06 2	.29282 -	2021	0.8650	0.00524970.	5249742	0.015815 3 .251059 6 .319648	89
12-01						0.0032063						
2021- 12-02	158.74	0 0 64.20	0 0 57.80)0 0 63.760	0 0 36 7 392 06 1	.29797 - 0.0061298	2021	0.8650	0.00528210.	5282120	0.015815 3 .251059 6 .319648	39
2021- 12-03	164.02	0 0 64.96	50 0 59.72	20 0 61.840	0 0 180231 05 9	.40686 - 0.0117245	2021	0.8650	0.00534480.	5344785	0.015815 3 .251059 6 .319648	39
2021-	164.29	0 0 67.88	80 0 64.28	80 0 65.320	0 0 074970 06 2	.8345050215028	2021	0.8650	0.00523230.	5232277	0.015815 8 .251059 6 .319648	89
12-06 2021-	169.08	0 0 71.58	30 0 68.34	40 0 71.180	0 0 204054 06 8	.6064330354463	2021	0.8650	0.00505320.	5053161	0.015815 8 .251059 6 .319648	39
12-07 2021-	179 19	0 0 75 06	:0 0 /70/70	00 0 75 080	16002047 2	.447780227831	2021	0.8650	0.00404060	4040500	0.015815 9 .251059 6 .319648	20
12-08												
2021- 12-09	174.91	0 0 76.75	50 0 73.92	20 0 74.560	0 0 089237 07 1	.93559 - 0.0029701	2021	0.8650	0.00495530.	4955316	0.015815 8 .251059 6 .319648	39
2021- 12-10	175.21	0 0 79.63	30 0 74.69	90 0 79.450	0 0 154027 07 6	.752090280133	2021	0.8650	0.00482030.	4820284	0.015815 3 .251059 6 .319648	89
2021-	181.12	0 0 82.13	30 0 75.53	30 0 75.740	0 0 532370 07 3		2021	0.8650	0.00492200.	4922044	0.015815 3 .251059 6 .319648	89
12-13 2021-	175.25	0 0 77.74	10 07 2.21	0074.330	0 0 393804 07 1	0.0206742 .70906 -	2021	0.8650	0.00496190.	4961854	0.015815 3 .251059 6 .319648	89
12-14						0.0080232						
2021- 12-15	175.11	0 u 79.50	10072.31	10079.300	J U 310633 U 76	.604390285092	2021	0.8650	0.00482430.	4824317	0.015815 3 .251059 6 .319648	39
2021- 12-16	179.28	0 0 81.14	10 0 70.75	50 0 72.260	0 0 501858 06 9	.67018 - 0.0392639	2021	0.8650	0.00502150.	5021479	0.015815 3 .251059 6 .319648	39
2021-	169.93	0 0 73.47	70 0 69.69	90 0 71.140	0 0 95432 706 8	.56703 -		0.8650	0.00505430.	5054341	0.015815 0 .251059 0 .319648	39
12-17 2021-	168.28	0 0 70.58	80 0 67.46	60 0 69.750	0 0 074991 06 7	0.0065018 .19794 -		0.8650	0.00509570.	5095729	0.015815 3 .251059 6 .319648	39
12-20 2021-	171 56	0 0.7 3.20	nn n 69 19	20 0 72 990	0 0 118590 0 70	0.0081220 .389 25 0190869		0.8650	0.00500030	5000289	0.015815 8 .251059 6 .319648	80
12-21												
2021- 12-22	173.04	0 0 75.86	50 0 72.15	50 0 75.640	0 9 213530 0 72	.999390153188	2021	0.8650	0.00492480.	4924846	0.015815 3 .251059 6 .319648	39
2021- 12-23	175.85	0 0 76.85	50 0 75.27	70 0 76.280	0 6 835660 0 73	.629750036438	2021	0.8650	0.00490700.	4906966	0.015815 8 .251059 6 .319648	89
2021-	177.09	0 0 80.42	20 0 77.07	70 0 80.330	0 7 491960 0 77	.61887.0229748	2021	0.8650	0.00479680.	4796761	0.015815 3 .251059 6 .319648	39
12-27 2021-	180.16	0 0 81.33	30 0 78.53	30 0 79.290	0 7 914430 0 76	.59453 -	2021	0.8650	0.00482460.	4824586	0.015815 3 .251059 6 .319648	39
12-28 2021-						0.0057673 .683 1 7.0005020		0.0650	0.0049999	49991 <i>6</i> 5		
12-29												
2021- 12-30	179.47	0 0 80.57	70 0 78.09	90 0 78.200	0 6 977300 0 75	.52090 - 0.0065783	-	0.8650	0.00485410.	4854097	0.015815 3 .251059 6 .319648	39
2021-	178.09	0 0 79.23	30 0 77.26	60 0 77.570	0 6 406230 0 74	.90038 -	2021	0.8650	0.00487130.	4871318	0.015815 3 .251059 6 .319648	39
12-31 2022-	177.83	0 0 82.88	80 0 77.71	10 0 82.010	0 0 044879 07 9	0.0035353 .273 6 1.0250042		0.9100	0.00499970.	4999725	0.022486 0 .356961 0 .319648	39
01-03 2022-	182.63	0 0 82 94	.0 07 9 13	20 0 79 700	0 9 931040 0 76	.99835 -	2022	0.9100	0.00506400.	5063996	0.022486 4 .356961 0 .319648	39
01-04	102.00			-5410.100	3031010010	0.0126916		0.0100	5.55555100.	555550	3.522 255 4.55 550 10.010 10.01	. •

Dates	Open	High	Low	Close	Volume Adj	justedlaily.retur	near	Divide	n d iv_y	iel d iv_	_yield	perad <u>n</u> tægerns	latilityvolatility	_avg
2022-	179.610	0080.17	0 0 74.64	40 0 74.920	9 453760 0 72			0.9100	0.0052	20240.5	5202378	0.0224864.3	356961 0 .3196489)
01-05 2022-	172.700	0 75.30	0 0 71.64	10 0 72.000	0 9 690400 0 69	0.0265999 .41411 -		0.9100	0.0052	9070.5	5290698	0.0224864.3	356961 0 .3196489)
01-06	170.000	00.74 1 4	0 0.7 1 09	00070 170)@6 7 0010 0 60	0.0166933		0.0100	0.0050	00000	1905.474	0.0004064	05e0e1 0 910e490	.
2022- 01-07	172.890	J U (4.14)	U U / 1.03	30 u /2.17(1 8 070910 0 09	.5815330009884	2022	0.9100	0.0052	8550.8	285474	0.022486₩.	356961 0 .3196489	9
2022- 01-10	169.080	0 72.50	0 0 68.17	70 0 72.190	0 0 067656 06 9	.6012040001162	2022	0.9100	0.0052	8490.5	5284860	0.0224864.3	356961 0 .3196489	9
2022-	172.320	0.075.18	0 0 70.82	20 0 75.080	0 7 613830 0 72	.447780167838	2022	0.9100	0.0051	9760.5	5197624	0.0224860.3	356961 0 .3196489)
01-11 2022-	176 190	M 77 10	0 0.7 4.99)) (1 75 59() #490590#79	.8910 7 .0025702	2022	0.0100	0.0051	9490 8	(104900	0.0224860	356961 0 .3196489)
01-12	170.120	JU 11.10	UU 14.02	:0 u 75.55(JU 400020U 12	.091W.0029102	2022	0.9100	0.0031	.0430.6	104299	U.U2240U\.	00901 0. 0190408	,
2022- 01-13	175.780	0076.62	0 0 71.79	00 0 72.190	0 8 450580 0 69	0.60124 - 0.0190281	2022	0.9100	0.0052	28490.5	5284860	0.0224864.3	356961 0 .3196489	9
2022-	171.340	0173.78	0 0 71.09	00 0 73.070	8 044080 0 70	0.0190281 0.468030051107	2022	0.9100	0.0052	25800.5	5257988	0.0224860.3	356961 0 .3196489)
01-14 2022-	171 510	M 79 54	0 0 60 41	0060 200) 9 095670 0 67	.24716 -	2022	0.9100	0.0053	25020 F	350246	0.0224860	356961 0 .3196489)
01-18	171.010	M 12.94	0009.41	.00.600	9093010 4 01	0.0188941	2022	0.9100	0.0055	0920.	0009240	0.022400₩.)00901 0. 0190408	9
2022- 01-19	170.000	0071.08	0 0 65.94	10 0 66.230	0 9 481500 0 63	0.0210248	2022	0.9100	0.0054	7430.5	5474343	0.0224864.3	356961 0 .3196489	9
2022-	166.980	0069.68	0 0 64.18	30 0 64.510	0 9 142050 0 62	.03670 -	2022	0.9100	0.0055	3160.5	5531579	0.0224864.3	356961 0 .3196489)
01-20 2022-	164 420	M66 33	Ი Ი 62 30)0 0 62 /10	0 0 228489 05 9	0.0103471	2022	0.9100	0.0056	: :0310	S603103	0 0224860 5	356961 0 .3196489)
01-21	104.420	MC00.55	0002.30	JO U 02.410) u 220409 u 93	0.0127651	2022	0.9100	0.0000		0003103	0.0224004.	90901 0. 9190408	,
2022- 01-24	160.020	0162.30	0 0 54.70	00 0 61.620	0 0 622946 05 9	0.19016 - 0.0048643		0.9100	0.0056	3050.5	630491	0.0224864.3	356961 0 .3196489	9
2022-	158.980	0162.76	0 0 57.02	20 0 59.780	0157984057	.37784 -		0.9100	0.0056	9530.5	695331	0.0224864.3	356961 0 .3196489)
01-25 $2022-$	163 500	M64 30	NA 57 89)0 0. 50,600	0 0 082753 05 7	0.0113847 7.28918 -	2022	0.9100	0.0056	:0850 F	.608541	0.0224860	356961 0 .3196489)
01-26	103.500	MO4.55	00.01.02	.00000.000	0400219 349 1	0.0005633	2022	0.9100	0.0000	.0006	0030341	0.0224004.	90901 0. 9190408	,
2022- 01-27	162.450	0163.84	0058.28	80 0 59.220	0 0 219546 05 6	0.82625 - 0.0029432		0.9100	0.0057	1540.5	5715362	0.0224864.3	356961 0 .3196489	9
2022-	165.710	0 70.35	0 0 62.80	00 0 70.330	0 0 799357 06 7	7.7692330697777		0.9100	0.0053	4260.5	5342570	0.0224864.3	356961 0 .3196489)
01-28 2022-	170 160	00.75 00	0 0 60 51	0074 780	 155/16 00 9	.1523000261257	2022	0.0100	0.0052	0650 5	S206545	0.0224860	356961 0 .3196489)
01-31	170.100	JU 15.00	00003.31	.0014.100	041004104072	.1023010201207	2022	0.9100	0.0052	.0000.0	200040	0.0224004.	90901 0. 9190408	,
2022- 02-01	174.010	0174.84	0 0 72.31	.0 0 74.610	0 8 621390 0 71	.98488 - 0.0009726	-	0.9100	0.0052	21160.5	5211614	0.0224864.3	356961 0 .3196489	9
2022-	174.750	075.88	0 0 73.33	30 0 75.840	0 8 491430 0 73	3.1963\&0070442		0.9100	0.0051	7520.5	5175159	0.0224864.3	356961 0 .3196489)
02-02 2022-	174 480	10 76 24	Ი Ი 72 12)) 8 941810 0 70	30057 -	2022	0.9100	0.0052)6320 F	(263158	0 0224860 5	356961 0 .3196489)
02-03	174.400	JU 10.24	0012.12	10012.500	00341010010	0.0167198		0.3100	0.0052	.0020.6	200100	0.0224004.	90901 0. 9190408	,
2022- 02-04	171.680	0074.10	0 0 70.68	80 0 72.390	0 8 246540 0 70	0.01457 - 0.0029497	2022	0.9100	0.0052	27870.5	5278728	0.0224864.3	356961 0 .3196489)
2022-	172.860	0 73.95	0 0 70.95	50 0 71.660	0 7 725120 0 69	.29463 -	-	0.9100	0.0053	0120.5	301177	0.0224864.3	356961 0 .3196489)
02-07 2022-	171 730	0075 350	0 0 71 43	80 0 74 830	n a 482920 1 72	0.0042346 0.420960184667		0.9100	0.0052	0510 5	5205056	0 022486 0 5	356961 0 .3196489)
02-08	111.100	(410.90	0011.40	0011.000	70 402 <i>0</i> 200 12	.4203010104007	2022	0.5100	0.0002	.0010.6	200000	0.0224004.6	000010.0100408	,
2022- 02-09	176.050	0076.65	0 0 74.90	00076.280	0 7128500 0 73	.850 97 .0082938	2022	0.9100	0.0051	6220.5	5162242	0.0224864.3	356961 0 .3196489)
2022-	174.140	0075.48	0 0 71.55	50 0 72.120	0 9 086590 0 69		-	0.9100	0.0052	28700.5	5287009	0.0224860.3	356961 0 .3196489)
02-10 2022-	172.330	0073.08	0 0 68 04	10 0 68.640	0 9 867070 0 66	0.0235988 0.31625 -		0.9100	0.0053	39610 F	539611 <u>0</u>	0.0224860	356961 0 .3196489)
02-11						0.0202184								
2022- 02-14	167.370	0169.58	0 0 66.56	60 0 68.880) 8 618550 0 66	5.5529 3 0014232	2022	0.9100	0.0053	8840.5	5388441	0.0224864.3	356961 0 .3196489)
2022-	170.970	0.072.95	0 0 70.25	50 0 72.790	6 252740 0 70	.4090200231525	2022	0.9100	0.0052	26650.5	5266509	0.0224864.3	356961 0 .3196489)
02-15 2022-	171 850	0073 34	Ი Ი 70 05	50 0 72.550) 6 117740 0 70	17236 -	2022	0.9100	0 0052	27380	5273834	0 0224860 5	356961 0 .3196489)
02-16	1,1.000	4.0.01	J. 10.00	.5412.000	, wii i i i i i i i i i i i i i i i i i	0.0013889	-	5.5100	0.0002	. , 500.0	,_,0001	0.022 f00 4 .6	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,

Dates	Open I	High	Low	Close	Volume Adj	ustedlaily.retu	r ys ar	Divide	n d iv_y	iel d iv_	_yield_	persæ <u>n</u> tægern	slatilityvolatility	_avg
2022- 02-17	171.030 0	71.910	0068.47	70 0 68.880	6 958930 0 66	.55293 - 0.0212692		0.9100	0.0053	8840.5	5388441	0.0224864	.356961 0 .3196489	9
2022-	169.820 0	70.540	0 0 66.19	00067.300	8 277270 0 64	.99472 -	2022	0.9100	0.0054	3930.5	5439330	0.022486	.356961 0 .3196489	9
02-18 2022-	164.980 0	66.690	062.15	50 0 64.320	0 9 116280 0 62	0.0093558 .05577 -		0.9100	0.0055	3800.5	5537974	0.022486	.356961 0 .3196489	9
02-22						0.0178123								
2022- 02-23	165.540 u	166.150	J u 59.75	0.00	0 9 000920 0 57	.86433 - 0.0258642	-	0.9100	0.0056	8500.8	0085013	0.022486₩	.356961 0 .3196489	9
2022- 02-24	152.580 0	162.850	0 0 52.00	00 0 62.740	0 0 4114 7506 0	.497507.0166802	2022	0.9100	0.0055	9170.5	5591741	0.022486	.356961 0 .3196489	9
2022-	163.840 0	65.120	0 0 60.87	0064.850	9 197420 0 62	.5784560129655	2022	0.9100	0.0055	2020.5	5520170	0.0224864	.356961 0 .3196489	9
02-25 2022-	163.060 0	165.420	0 0 62.43	30 0 65.120	0 9 505660 0 62	.8447060016378	2022	0.9100	0.0055	1110.5	5511144	0.022486	.356961 0 .3196489	9
02-28 2022-	164 700 0)66 600	00 61 97	70 0 63 200	0 8 347440 0 60	.95119 -	2022	0.9100	0.0055	7600 !	5575980	0 0224864	.356961 0 .3196489	ο,
03-01						0.0116279								
2022- 03-02	164.390 0	167.360	0 0 62.95	60 0 66.560	0 7 972480 0 64	.26491.0205882	2022	0.9100	0.0054	6350.5	5463497	0.0224864	.356961 0 .3196489	9
2022- 03-03	168.470 0	68.910	0 0 65.55	60 0 66.230	7 667840 0 63	.93944 - 0.0019813		0.9100	0.0054	7430.5	5474343	0.022486	.356961 0 .3196489	9
2022-	164.490 0	65.550	0 0 62.10	00 0 63.170	8 373720 0 60	.92162 -	2022	0.9100	0.0055	7700.5	5577006	0.022486	.356961 0 .3196489	9
03-04 2022-	163.360 0	165.020	0 0 59.04	0 0 59.300	0 9 641880 0 57	0.0184082 .10497 -		0.9100	0.0057	1250.5	5712492	0.022486	.356961 0 .3196489	9
03-07 2022-	158 8200	162 880) 055-80	10 0 57 440	0 0 311483 05 5	0.0237176 .27058 -		0.9100	0.0057	3000 F	5770080	0 0224860	.356961 0 .3196489	a
03-08						0.0116761								
2022- 03-09	161.480 0	163.410) 0 59.41	.0 0 62.950	0 9 145490 0 60	.7046550349974	2022	0.9100	0.0055	8450.5	5584535	0.0224864	.356961 0 .3196489	9
2022- 03-10	160.200 0	160.390	0 0 55.98	80 0 58.520	0 0 053420 05 6	.33569 - 0.0271862		0.9100	0.0057	4060.5	5740600	0.022486	.356961 0 .3196489	9
2022-	158.930 0	159.280	0 0 54.50	00 0 54.730	9 697010 0 52	.59793 -		0.9100	0.0058	8120.5	5881213	0.022486	.356961 0 .3196489	9
03-11 2022-	151.450 0	154.120	0 0 50.10	00 0 50.620	000873210048	0.0239087 .54456 -	2022	0.9100	0.0060	4170.6	3041695	0.022486	.356961 0 .3196489	9
03-14 2022-	150 0000	155 570	NA 50 38	20055-000	.0 206430 0 52	0.0265624 $.952940296773$		0.0100	0.0058	6760 5		0 0224860	.356961 0 .3196489	n.
03-15														-
2022- 03-16	157.050 0	160.000	0 0 54.46	60 0 59.590	0 0 023002 05 7	.3909&0290154	2022	0.9100	0.0057	0210.5	5702112	0.022486₽	.356961 0 .3196489	9
2022- 03-17	158.610 0	61.000	0 0 57.63	80 0 60.620	7 561540 0 58	.4067550064540	2022	0.9100	0.0056	6550.5	5665546	0.022486	.356961 0 .3196489	9
2022-	160.510 0	64.480	0 0 59.76	60 0 63.980	0 0 235117 06 1	.720407.0209189	2022	0.9100	0.0055	4950.5	5549457	0.022486	.356961 0 .3196489	9
03-18 2022-	163.510 0	166.350	0 0 63.01	.0 0 65.380) 9 581140 0 63	.1011080085377	2022	0.9100	0.0055	0250.5	5502479	0.022486	.356961 0 .3196489	9
03-21 2022-	165 5100	169 420) n 64 91	0068 820	N R 1532000166	.493 79 .0208006	2022	0.9100	0 0053	9040 !	5390356	0 0224864	.356961 0 .3196489	a a
03-22								0.0_00	0.000	00201		0.000		
2022- 03-23	167.990 0	172.640) 0 67.65	60 0 70.210	0 9 806270 0 67	.864640082336	2022	0.9100	0.0053	4630.5	5346337	0.0224864	.356961 0 .3196489	9
2022- 03-24	171.060 0	74.140	0 0 70.21	0074.070	9 013140 0 71	.6714000226779	2022	0.9100	0.0052	2780.5	5227782	0.022486	.356961 0 .3196489	9
2022-	173.880 0	75.280	0 0 72.75	50 0 74.720	8 054620 0 72	.312480037341	2022	0.9100	0.0052	0830.5	5208333	0.022486	.356961 0 .3196489	9
03-25 2022-	172.170 0	175.730	0 0 72.00	00 07 5.600) 9 037190 0 73	.1803240050367	2022	0.9100	0.0051	8220.5	5182232	0.022486	.356961 0 .3196489	9
03-28 2022-	176 6000	79 N10) በ 76 34	LO N 78 060	Ი ᲘᲘ589 /Ი ଫଣ	.4940 3 0191344	2022	0 9100	0 0050	8490 #	5084025	0 022488 4	.356961 0 .3196489	ο,
03-29														
2022- 03-30	178.550 0	179.610	0 0 76.70	000177.770) 9 263320 0 75	.32045 - 0.0066495	-	0.9100	0.0051	1900.5	5118974	0.022486 4	.356961 0 .3196489	9
2022- 03-31	177.840 0	178.030	0 0 74.40	00 0 74.610	0 0 030493 07 2		2022	0.9100	0.0052	1160.	5211614	0.0224864	.356961 0 .3196489	9
09-91						0.0177758								

Dates	Open	High	Low	Close	Volume Ac	ljustedlaily.retu	ır yıe ar	Divide	n d iv_yiel	div_yield_	perad <u>n</u> tægerne	latilityvolatility	_avg
2022-	174.03	0074.88	0071.94	0074.310	0 7 875130 0 7		-	0.9100	0.005220	60.522058	4 0.022486 4 .	356961 0 .3196489)
04-01	17457	00.70.40	00.74.44	0070 446	0 67 C 4C 0 40 0 7	0.0017183		0.0100	0.005000	00 500075	0.0004060	9F6061 0 9106406	`
2022- 04-04	174.57	J u 78.49	U U 74.44	100/8.440	JV646840 U 7	5.9812000236934	1 2022	0.9100	0.005099	80.509975.	3 0.022486₩.	356961 0 .3196489)
2022-	177.50	0 0 78.30	0 0 74.42	20 0 75.060	0 7 340180 0 7	2.64777 -	2022	0.9100	0.005198	20.519821	8 0.0224864.	356961 0 .3196489)
04-05 2022-	170.26	0 0.7 9 69	00.70 19	00 0.7 1 020	0 8 905880 0 6	0.0189420		0.0100	0.005005	90.529593	0 0004060	356961 0 .3196489	,
2022- 04-06	172.50	J u 75.05	O u 10.13	000111.000	000000000000000000000000000000000000000	9.46230 - 0.0184508		0.9100	0.005295	90.029095.	Z U.UZZ480 W .	550901 0 .5190488	,
2022-	171.16	0 0 73.36	0 0 69.85	60 0 72.140	0 7 759470 0 6	9.76802001804	1 2022	0.9100	0.005286	40.528639	5 0.022486 4 .	356961 0 .3196489)
04-07 2022-	171 78	N M 71 78	0060 2 0	10 0.7 0.000	0 7 657550 0 6	7.74628 -	2022	0.0100	0.005350	10.535010	0 0004860	356961 0 .3196489)
04-08	111.10	J u 11.10	0003.20	0.030	000100000	0.0119089		0.9100	0.005550	10.000010.	0.022400 4 .	550501 0 .5150408	,
2022-	168.71	0 0 69.03	0 0 65.50	00 0 65.750	0 7 224670 0 6			0.9100	0.005490	20.5490190	6 0.022486 4 .	356961 0 .3196489)
04-11 2022-	168.02	0069.87	70 0 66.64	0067.660	0 7 926520 0 6	0.0255159 5.349 78 011523		0.9100	0.005427	70.542765	1 0.0224864.	356961 0 .3196489	9
04-12												30000101010100100	,
2022- 04-13	167.39	0 0 71.04	0 0 66.77	70 0 70.400	0 7 061890 0 6	8.051999.0163425	5 2022	0.9100	0.005340	40.5340370	6 0.022486 4 .	356961 0 .3196489)
2022-	170.62	0 0 71.27	0 0 65.04	0 0 65.290	0 7 532940 0 6	3.01244 -	2022	0.9100	0.005505	50.550547	5 0.022486 4 .	356961 0 .3196489)
04-14						0.0299883						~~~~	
2022- 04-18	163.92	0 0 66.60	0 0 63.57	70 0 65.070	0 6 902390 0 6	2.79546 - 0.0013309		0.9100	0.005512	80.551281	3 0.022486 4 .	356961 0 .3196489)
2022-	165.02	0 0 67.82	0 0 63.91	0067.400	0 6 772380 0 6	5.09334014115		0.9100	0.005436	10.543608	1 0.022486 4 .	356961 0 .3196489)
04-19	1.00 70	വക്കുവ വ	00.00 10	000.07 000	0.000000000000000000000000000000000000	4.00500	0000	0.0100	0.005441	CO 7441CO	0.0004060	9F6061 0 9106406	
2022- 04-20	108.70	J u 68.88	0 0 00.10	10 0 67.230	0 6 792980 0 6	4.92566 - 0.0010158		0.9100	0.005441	60.5441608	8 0.022486₩.	356961 0 .3196489)
2022-	168.91	0 0 71.53	0 0 65.91	0066.420	0 8 722780 0 6	4.12683 -	2022	0.9100	0.005468	10.546809	3 0.022486 4 .	356961 0 .3196489)
04-21 2022-	166.46	0 0 67 87	70 0 61 50	00 0 61 700	0 8 488240 0 5	0.0048436 9.56061 -		0.0100	0.005624	60.562457	5 0 0224860	356961 0 .3196489)
04-22	100.40	0001.01	001.50	00001.730	0040024000	0.0278212		0.9100	0.005024	:00.002407	0.0224004.	550501 0 .5150408	,
2022-	161.12	0 0 63.17	0058.46	60 0 62.880	0 9 604640 0 6	0.6356220067372	2 2022	0.9100	0.005586	90.558693	5 0.022486 4 .	356961 0 .3196489)
04-25 2022-	162.25	0 0 62.34	0056.72	20 0 56.800	0 9 562320 0 5	4.63942 -	2022	0.9100	0.005803	60.580357	1 0.0224864.	356961 0 .3196489	9
04-26					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0373283	1						
2022- 04-27	155.91	0 0 59.79	0055.38	30 0 56.570	0 8 806320 0 5	4.41257 - 0.0014668		0.9100	0.005812	10.581209	7 0.022486 4 .	356961 0 .3196489	9
2022-	159.25	0 0 64.52	0 0 58.93	80 0 63.640	0 0 302168 06	0.0014000 1.385 10 3045155		0.9100	0.005561	00.5560988	8 0.0224864.	356961 0 .3196489)
04-28	101.04	08.00.00			0801515086	F 4880	2022	0.0100	0.00	.00 555000	1 0 000 1000	2500010 210010	,
2022- 04-29	161.84	U U 66.20	0 0 57.25	0 01 57.650	0 0 317476 05	5.47768 - 0.0366048		0.9100	0.005772	30.577228	1 0.0224864.	356961 0 .3196489)
2022-	156.71	0058.23	0053.27	0057.960	0 0 230553 05	5.783400001966		0.9100	0.005761	00.576095	2 0.022486 4 .	356961 0 .3196489)
05-02 2022-	150 150	0 0 60 71	0 0 56 33)OMEO 490	N 206650115	7.282460096226	വോ	0.0100	0.005706	:00 570604	5 0.0224860	356961 0 .3196489)
05-03	100.10	00.71	0490.92	.0 1 09.400	00090000000	1.202400090220) 2022	0.9100	0.003700	00.570004	0.022400 \	550901 0 .5190468	9
2022-	159.67	0 0 66.48	0 0 59.26	60 0 66.020	0 0 082565 06	3.7323060410083	3 2022	0.9100	0.005481	30.548126	7 0.022486 4 .	356961 0 .3196489)
05-04 2022-	163.85	0 0 64.08	0054.95	50 0 56.770	0 0 305253 05	4.60983 -	2022	0.9100	0.005804	70.5804682	2 0.0224864.	356961 0 .3196489	9
05-05						0.0557162	2					30000101010100100	
2022- 05-06	156.01	0 0 59.44	0 0 54.18	80057.280	0 0 161246 05	5.34067.003253	1 2022	0.9100	0.005785	90.5785860	0.0224864.	356961 0 .3196489)
2022-	154.93	0 0 55.83	0 0 51.49	00052.060	0 0 315779 06	0.18506 -	2022	0.9100	0.005984	50.5984480	0.0224864.	356961 0 .3196489)
05-09						0.0331892			0.00===				
2022- 05-10	155.52	U U 56.74	.0 u 52.93	50 u 54.51(JU153667 05	2.6048330161120	J 2022	0.9100	0.005889	60.588958	(0.022486 4 .	356961 0 .3196489)
2022-	153.50	0 0 55.45	0 0 45.81	0046.500	042689804	4.69359 -	2022	0.9100	0.006211	60.621160	4 0.022486 4 .	356961 0 .3196489)
05-11	149.77	0 0 46 00		000.49 500	വരാഭവവേദ	0.0518413		0.0100	0.006202	90 69099 7	7 0 000 400 4	956061 0 9106496	,
2022- 05-12	142.77	J u 46.20	vu38.80	₩42.56(0 0 826020 0 4	0.80220 - 0.0268942	-	0.9100	U.UU0383	30.638327	(0.022486∰.	356961 0 .3196489	,
2022-	144.59	0048.10	0 0 43.11	0047.110	013990904	5.2961000319164		0.9100	0.006185	80.618584	7 0.022486 4 .	356961 0 .3196489)
05-13													

Dates	Open High	Low Close	Volume Adjustedlai	lv.retur ns ar	Divide	n d iv viel d iv vield p	 pe xdentægurus latilityvolatility_av
2022-			40 8 664380 0 43.74544	<u> </u>		0.00625260.6252577	0.022486 0 .356961 0 .3196489
05-16 2022-	148.860 0 49.770	046.680049.24	0.0 40 7 833630 0 47.399 8 40	106723 254226 2022	0.9100	0.00609760.6097561	0.022486 4 .356961 0 .3196489
05-17 2022-	146.850 0 47.360	0 39.900 0 40.82	200097429039.08365		0.9100	0.00646210.6462150	0.022486 4 .356961 0 .3196489
05-18 2022-	139.880 0 41.660	03 6.600 0 37.35	50 0 360956 03 5.65643	_	0.9100	0.00662540.6625409	$0.022486 \textcolor{red}{\textbf{4}}.356961 \textcolor{red}{\textbf{0}}.3196489$
05-19 2022- 05-20	139.090 0 40.700	0 32.610 0 37.59	0.0 90 0 374261 03 5.893 43 0	246414 017473 2022	0.9100	0.00661390.6613853	0.022486 4.3569610.3196489
2022- 05-23	137.790043.260	0 37.650 0 43.11	100177263041.3454010	401192 2022	0.9100	0.00635870.6358745	0.022486 0 .356961 0 .3196489
2022- 05-24	140.810 0 41.970	0 37.330 0 40.36	60 0 041327 03 8.62929	- 2022 192160	0.9100	0.00648330.6483329	0.022486 4.3569610.3196489
2022- 05-25	138.430 0 41.790	0038.340040.52	20 9 248270 0 38.7873 4 0		0.9100	0.00647590.6475946	0.022486 4.3569610.3196489
2022- 05-26	137.390 0 44.340	0 37.140 0 43.78	80 9 060150 0 42.007 13 0	231995 2022	0.9100	0.00632910.6329114	0.022486 4.3569610.3196489
2022- 05-27	145.390 0 49.680	0 45.260 0 49.64	40 9 097850 0 47.7949 1 .0	407567 2022	0.9100	0.00608130.6081262	0.022486 4 .356961 0 .3196489
2022- 05-31	149.070 0 50.660	046.840048.84	40 0 037184 00 7.00475 0.0	- 2022 053462	0.9100	0.00611390.6113948	0.022486 4 .356961 0 .3196489
2022- 06-01	149.900 0 51.740	047.680048.71	10 7 428660 0 46.87636 0.0	- 2022 008734	0.9100	0.00611930.6119292	0.022486 4 .356961 0 .3196489
2022- 06-02	147.830 0 51.270	046.860051.23	10 7 234810 0 49.345 55 0	168112 2022	0.9100	0.00601810.6018120	0.022486 4 .356961 0 .3196489
2022- 06-03	146.900 0 47.970	044.460045.38	80 8 857030 0 43.58743 0.0	- 2022 385557	0.9100	0.00625950.6259458	0.022486 4 .356961 0 .3196489
2022- 06-06	147.030 0 48.570	044.90046.14	40 7 159840 0 44.3380 4 0	052276 2022	0.9100	0.00622690.6226906	0.022486 4 .356961 0 .3196489
2022- 06-07			10 6 780820 0 46.876 36 0				0.022486 4 .356961 0 .3196489
2022- 06-08				050434		0.00615030.6150311	0.022486 4 .356961 0 .3196489
2022- 06-09				359557		0.00637970.6379697	0.022486 4 .356961 0 .3196489
2022- 06-10				386287		0.00663600.6636039	0.022486 4 .356961 0 .3196489
2022- 06-13				382848		0.00690020.6900212	0.022486 0 .356961 0 .3196489
2022- 06-14			50 8 478430 0 31.1230 2 0				0.022486 0 .356961 0 .3196489
2022- 06-15			809153300033.760090				0.022486 4 .356961 0 .3196489
2022- 06-16				396514		0.00699680.6996771	0.022486@.3569610.3196489
2022- 06-17			30 0 345203 02 9.937840				0.022486 0 .356961 0 .3196489
2022- 06-21			708100050034.194640				0.022486 0 .356961 0 .3196489
2022- 06-22 2022-				038271		0.00672330.6723310	0.022486@.3569610.3196489
2022- 06-23 2022-			70 7 243380 0 36.5650 9 .0				0.022486 0 .356961 0 .3196489
2022- 06-24 2022-			50 8 911680 0 39.913 2 80 50 7 020790 0 39.913 28 0				0.022486 0 .356961 0 .3196489 0.022486 0 .356961 0 .3196489
2022- 06-27 2022-			10 6 708340 0 35.74532			0.00642380.6423832	0.022486 4 .356961 0 .3196489
06-28	112.1000410.120	.401.020 4 01.45		297896	0.0100	0.00002110.0021071	0.0221004.0000010.0100400

Dates	Open High	Low Close	e Volume Adju	usteddaily.retur	yusar Divide	n d iv_yiel d iv_yield_p	 pe xxdentxegerno latilityvolatility_av _s
2022-	137.460 0 40.670	0036.670039.2	230 6 624240 0 37.	513240130238	2022 0.9100	0.00653590.6535948	0.022486 4 .356961 0 .3196489
06-29 2022- 06-30	137.250038.370	0 0 33.770 0 36.7	720 9 896450 0 35.	03421 - 0.0180277	2022 0.9100	0.00665590.6655939	$0.022486 \mathbf{@}.356961 0.3196489$
2022- 07-01	136.040 0 39.040	0 0 35.660 0 38.9	930 7 105160 0 37.		2022 0.9100	0.00655010.6550062	0.022486 0 .356961 0 .3196489
2022-	137.770 0 41.610	0 0 36.930 0 41.5	560 7 335380 0 39.	8145330189304	2022 0.9100	0.00642840.6428370	0.022486 0.356961 0.3196489
07-05 2022-	141.350 0 44.120	041.080442.9	920 7 406430 0 41.	157 73 0096072	2022 0.9100	0.00636720.6367199	0.022486 4.356961 0.3196489
07-06 2022- 07-07	143.290 0 46.550	043.280046.3	350 6 625370 0 44.	5454410239995	2022 0.9100	0.00621800.6217970	0.022486 0.356961 0.3196489
2022- 07-08	145.260 0 47.550	045.00047.0	040 6 454780 0 45.5	226960047146	2022 0.9100	0.00618880.6188792	0.022486 4.3569610.3196489
2022- 07-11	145.670 0 46.640	0 0 43.780 0 44.8	870 6 314160 0 43.	08369 - 0.0147579	2022 0.9100	0.00628150.6281494	0.022486 4.3569610.3196489
2022- 07-12	145.760 0 48.450	0 0 45.050 0 45.8	860 7 758880 0 44.		2022 0.9100	0.00623890.6238859	0.022486 4.3569610.3196489
2022- 07-13	142.990 0 46.450	0 0 42.120 0 45.4	490 7 118560 0 43.	69608 - 0.0025366	2022 0.9100	0.00625470.6254725	0.022486 4.3569610.3196489
2022- 07-14	144.080 0 48.950	0 0 43.250 0 48.4	170 7 814070 0 46.		2022 0.9100	0.00612920.6129184	0.022486 4.3569610.3196489
2022- 07-15	149.780 0 50.860	048.200050.1	170 7 625990 0 48.	318340114501	2022 0.9100	0.00605980.6059799	0.022486 4.3569610.3196489
2022- 07-18	150.740 0 51.570	046.70047.0	070 8 142090 0 45.	25661 - 0.0206432	2022 0.9100	0.00618750.6187529	0.022486 4.3569610.3196489
2022- 07-19	147.920 0 51.230	0 0 46.910 0 51.0	000 8 298240 0 49.		2022 0.9100	0.00602650.6026490	0.022486 4.3569610.3196489
2022- 07-20	151.120 0 53.720	0050.370053.0	040 6 482340 0 51.	1529\\$0135099	2022 0.9100	0.00594620.5946158	0.022486 4.3569610.3196489
2022- 07-21	154.500 0 55.570	0 0 51.940 0 55.3	350 6 508660 0 53.	434480150942	2022 0.9100	0.00585770.5857740	0.022486 4.3569610.3196489
2022- 07-22	155.390056.280	0 0 53.410 0 54.0	090 6 667540 0 52.	19002 - 0.0081108	2022 0.9100	0.00590560.5905640	0.022486 0 .356961 0 .3196489
2022- 07-25	154.010 0 55.040	0052.280052.9	950 5 362390 0 51.		2022 0.9100	0.00594970.5949657	0.022486 0 .356961 0 .3196489
2022- 07-26	152.260 0 53.090	0 0 50.800 0 51.6	500 5 513870 0 49.		2022 0.9100	0.00600260.6002638	0.022486 4.3569610.3196489
2022- 07-27	152.580 0 57.330	0052.160056.7	790 7 862070 0 54.		2022 0.9100	0.00580390.5803942	0.022486 4.3569610.3196489
2022- 07-28	156.980 0 57.640	0 0 54.410 0 57.5	350 8 137870 0 55.	409840035717	2022 0.9100	0.00578330.5783285	0.022486 4.3569610.3196489
2022- 07-29	161.240 0 63.630	0 0 59.500 0 62.5	510 0 017869 06 0.	5062000327931	2022 0.9100	0.00559970.5599656	0.022486 4.3569610.3196489
2022- 08-01	161.010 0 63.590	0 0 60.890 0 61.5	510 67 82940 0 59.	51851 - 0.0061535	2022 0.9100	0.00563430.5634326	$0.022486 \\ \textbf{0}.356961 \\ \textbf{0}.3196489$
2022- 08-02	160.100 0 62.410	0 0 59.630 0 60.0)10 5 990700 0 58.		2022 0.9100	0.00568710.5687145	0.022486 0 .356961 0 .3196489
2022- 08-03	160.840 0 66.590	00 60.750 0 66.1	130 8 250750 0 64.		2022 0.9100	0.00547760.5477638	0.022486 4.3569610.3196489
2022- 08-04	166.010 0 67.190	0 0 64.430 0 65.8	310 6 547410 0 63.	76552 - 0.0019262	2022 0.9100	0.00548820.5488209	0.022486 4.3569610.3196489
2022- 08-05	163.210065.850	0 0 63.000 0 65.3	350 5 669700 0 63.		2022 0.9100	0.00550350.5503477	$0.022486 \\ \textbf{0}.356961 \\ \textbf{0}.3196489$
2022- 08-08	166.370067.810	0 0 64.200 0 64.8	870 6 027690 0 63.		2022 0.9100	0.00551950.5519500	0.022486 0 .356961 0 .3196489
2022- 08-09	164.020065.820	0 0 63.250 0 64.9	920 6 313550 0 63.		2022 0.9100	0.00551780.5517827	0.022486 0 .356961 0 .3196489
2022- 08-10	167.680 0 69.340	0 0 66.900 0 69.2	240 0 017050 0 67.	385390261946	2022 0.9100	0.00537700.5376979	0.022486 \(\phi\) .356961 \(\phi\) .3196489

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Dates	Open	High	Low	Close	Volume A	djustedlaily.retu	r ys ar	Divide	n d iv_yiel d iv	_yield_	peræd <u>n</u> tægurnslatilityvolatilit	- y_avg
2022-	151.19	0051.47	0048.56	50 0 50.430	0 9 602990 0 4			0.9100	0.00604930	.6049326	0.022486 0 .356961 0 .31964	89
09-23 2022-	140.66	0 0 53 77	'n n 49 64	10 0 50 770	Ი ᲢᲕᲕᲕᲔᲥᲘᲢ	0.0151238 $49.11780 0022603$		0.0100	0.00603570	6035683	3 0.022486 4 .356961 0 .31964	80
09-26	143.00	0000.11	0443.04	:00:00.110	000000400	±3.11700L0022000	, 2022	0.3100	0.00003370	.0055005	0.0224004.9909010.91904	0.5
2022-	152.74	0 0 54.72	0 0 49.95	50 0 51.760	084442700	50.096940065662	2 2022	0.9100	0.00599630	.5996310	0.022486 4 .356961 0 .31964	89
09-27 2022-	147.64	0 0 50.64	.0 0 44.84	40 0 49.840	0046691400	48.19798 -	2022	0.9100	0.00607310	.6073145	6 0.022486 0 .356961 0 .31964	89
09-28						0.0126515						
2022- 09-29	146.10	0 0 46.72	0 0 40.68	30 u 42.480	0028138200	40.91864 - 0.0491191	-	0.9100	0.00638690	.6386862	2 0.022486 4 .356961 0 .31964	89
2022-	141.28	0043.10	0038.00	00038.200	0024925300	B 6.68555 -	2022	0.9100	0.00658470	.6584660	0.022486 4 .356961 0 .31964	89
09-30 2022-	138 21	0043 07	70 0 37 69	00042 450	0014311700	0.0300393 40.888960307525		0.9100	0.00638820	6388207	0.022486 0 .356961 0 .31964	89
10-03												
2022- 10-04	145.03	0 0 46.22	0044.26	60 0 46.100	0 8 783010 0 4	44.498960256231	2022	0.9100	0.00622860	.6228610	0.022486 0 .356961 0 .31964	89
2022-	144.07	0047.38	0 0 43.01	.0 0 46.400	0 7 947100 0 4	44.79567.0020533	3 2022	0.9100	0.00621580	.6215847	0.022486 4 .356961 0 .31964	89
10-05 2022-	1 / 5 01	00.47 54	00/45/99	000/45 490	0 6 840220 0 4	42 02 <i>6</i> 20	2022	0.0100	0.00625730	6257206	e 0 0994064 956061 0 91064	90
2022- 10-06	149.81	OU47.34	.U U 43.22	:0 u 45.450	J 0 840220 u 2	43.83630 - 0.0066257		0.9100	0.00023730	.0237300	6 0.022486 4 .356961 0 .31964	09
2022-	142.54	0 0 43.10	0 0 39.45	60 0 40.090	0 8 592560 0 :			0.9100	0.00649580	.6495824	0.022486 0 .356961 0 .31964	89
10-07 2022-	140.42	0 0 41.89	0038.57	'0 0 40.420	0 7 489900 0 :	0.0367187 38.881 23 .0023556		0.9100	0.00648060	.6480558	3 0.022486 0 .356961 0 .31964	89
10-10	100.00	08.41.05	08.00 00	00000000	~~~	DE 45000	2022	0.0100	0.0005.4550	ar 1550F		00
2022- 10-11	139.90	0 0 41.35	0038.22	20038.980	0 7 703370 0 :	37.45699 - 0.010255(0.9100	0.00654770	.6547705	6 0.022486 4 .356961 0 .31964	89
2022-	139.13	0 0 40.36	0038.16	30 0 38.340	0 7 043370 0 :	36.82401 -	2022	0.9100	0.00657800	.6577996	0.022486 4 .356961 0 .31964	89
10-12 2022-	134.99	0043.59	0034.37	70 0 42.990	0013224000	0.0046050 41.4230 7 .0336129		0.9100	0.00636410	.6364081	0.022486 4 .356961 0 .31964	89
10-13												
2022- 10-14	144.31	0 0 44.52	0038.19	00038.380	0 8 859800 0 :	36.86359 - 0.0322400		0.9100	0.00657610	.6576095	6 0.022486 4 .356961 0 .31964	89
2022-	141.07	0 0 42.90	0 0 40.27	0042.410	0 8 525090 0 4	40.8494330291227		0.9100	0.00639000	.6390001	0.022486 4 .356961 0 .31964	89
10-17 2022-	145 49	0 0 46 70	0 0 40 61	0043 750	Ი 091366Ი Ი 2	42.174 73 0094094	1 2022	n 91nn	0 00633040	6330435	6 0.022486 0 .356961 0 .31964	89
10-18	140.43	0440.70	0040.01	.001.00	3 9313000 u -	12.114100000400	E 2022	0.3100	0.00033040	.0050400	0.022400 4. 990901 0. 91904	0.5
2022- 10-19	141.69	0 0 44.95	0 0 41.50	00 0 43.860	0 6 175830 0 4	42.283490007652	2 2022	0.9100	0.00632560	.6325594	4 0.022486 4 .356961 0 .31964	89
2022-	143.02	0045.89	0 0 42.65	60 0 43.390	0 6 452200 0 4	41.81868 -	2022	0.9100	0.00634630	.6346328	0.022486 4 .356961 0 .31964	89
10-20 2022-	149.07	0 0 47 95	00/49/65	00.47.97	00654960 0	0.0032671 45.6561 0 40270591		0.0100	0.00617010	6170197	7 0.022486 4 .356961 0 .31964	90
10-21	142.87	0447.80	U U 42.00	0041.210	J 0 00400U U 4	±0.000 LÆU27U091	2022	0.9100	0.00017910	.0179127	0.022480 4. 330901 0. 31904	09
2022-	147.19	0 0 50.23	0 0 46.00	00 0 49.450	0 7 598190 0 4	47.8122060148027	7 2022	0.9100	0.00608900	.6088993	3 0.022486 4 .356961 0 .31964	89
10-24 2022-	150.09	0 0 52.49	0 0 49.36	60 0 52.340	0 7 473230 0 3	50.670590193376	5 2022	0.9100	0.00597350	.5973481	0.022486 0 .356961 0 .31964	89
10-25	150.00	0451.00	00.40.04	00.40.05	000104000	AT T1 000	2022	0.0100	0.00000010	c0000 7 0	0 0004064 0560610 01064	00
2022- 10-26	150.96	0 u 51.99	U U 48.U4	10 u 49.350	0 8 819430 0 4	47.71338 - 0.0196271	-	0.9100	0.00609310	.6093070	0.022486 4 .356961 0 .31964	89
2022-	148.07	0 0 49.05	0 0 44.13	30 0 44.800	0009180200			0.9100	0.00628450	.6284530	0.022486 0 .356961 0 .31964	89
10-27 2022-	148.20	0 0 57.50	0047.82	20 0 55.740	0064762400	0.0304654 3 4.033 34 0755525		0.9100	0.00584310	.5843072	2 0.022486 0 .356961 0 .31964	89
10-28												
2022- 10-31	153.16	0 0 54.24	0 0 51.92	20 0 53.340	0 9 794320 0 5	51.65964 - 0.0154104	-	0.9100	0.00593450	.5934525	6 0.022486 4 .356961 0 .31964	89
2022-	155.08	0 0 55.45	0 0 49.13	30 0 50.650	0 8 037930 0 4	48.99910 -	2022	0.9100	0.00604050	.6040491	0.022486 0 .356961 0 .31964	89
11-01 2022-	1//2 05	Ი Ი59 17	' ᲘᲘ 45 ᲘᲘ	10 0 145 020	0 9 360460 0 4	0.0175427 43 44070 -		<u>0 0100</u>	0.00627460	6274564	4 0.022486 4 .356961 0 .31964	80
11-02	140.90	OU 02.17	ou40.UC	Jeu.erwo	୵୶୶୰୰±୕୰୰୕ୣଌ	45.44070 - 0.0373050	-	0.3100	0.00027400	.0274004	t 0.042400₩.∂∂0301 0 .∂1904	υð
2022-	142.06	0 0 42.80	0038.75	50 0 38.880	0 9 791850 0 :		-	0.9100	0.00655240	.6552419	0.022486 4 .356961 0 .31964	89
11-03						0.0424050	j					

Dates	Open High Low Close Volume Adjustedlaily.returwear Dividendiv_yieldiv_yield_pe	ewantaturuslatilityyolatility ayo
2022-	142.090 0 42.670 0 34.380 0 38.380 0 408148 06 7.09062 - 2022 0.9100 0.00657610.6576095	0.022486 0 .356961 0 .3196489
11-04	0.0036002	0.0221004.0000010.0100100
2022-	$137.110 \\ 039.150 \\ 035.670 \\ 038.920 \\ 0337460 \\ 037.625 \\ 060039022 \\ 2022 \\ 0.9100 \\ 0.00655050.6550533$	0.022486 4 . 356961 0 . 3196489
11-07 2022-	140.410 0 41.430 0 37.490 0 39.500 8 990850 0 38.2001 6 0041751 2022 0.9100 0.00652330.6523297	0.022486 \delta .356961 0 .3196489
11-08		
2022- 11-09	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	0.022486 0 .356961 0 .3196489
2022-	$141.240 \\ 0 46.870 \\ 0 39.500 \\ 0 46.870 \\ 0 188540 \\ 0 45.5015 \\ 3 0889746 \\ 2022 \\ 0.9100 \\ 0.00619600.6195956$	0.022486 0 .356961 0 .3196489
11-10 2022-	145.820 0 50.010 0 44.370 0 49.700 9 397970 0 48.3051 0 .0192688 2022 0.9100 0.00607880.6078824	0.022486 4 .356961 0 .3196489
11-11	145.020030.0100444.5700445.7009537370040.30511.0132000 2022 0.3100 0.00007000.0070024	0.022400 \. 330301 0 .3130403
2022-	$148.970 0 50.280 0 47.430 0 48.280 7 337410 0 46.89835 - 2022 \ 0.9100 \ 0.00613700.6137038$	$0.022486 \mathbf{@}.356961 0.3196489$
11-14 2022-	$0.0094856\\152.220 \boldsymbol{0} 53.590 \boldsymbol{0} 48.560 \boldsymbol{0} 50.040 \boldsymbol{8} 986830 \boldsymbol{0} 48.6419 \boldsymbol{7} 0118694\ 2022\ 0.9100\ 0.00606500.6065050$	0.022486 4 .356961 0 .3196489
11-15		
2022- 11-16	$149.130 0 49.870 0 47.290 0 48.790 6 421830 0 47.40359 \qquad - \qquad 2022 \ 0.9100 \ 0.00611600.6116003 \\ 0.0083311$	0.022486 \text{\textit{0}} .356961 \text{0} .3196489
2022-	146.430 0 51.480 0 46.150 0 50.720 8 038940 0 49.315 0 .0129714 2022 0.9100 0.00603770.6037686	0.022486 0 .356961 0 .3196489
11-17 2022-	152.310 0 52.700 0 49.970 0 51.290 7 482960 0 49.8803 3 0037818 2022 0.9100 0.00601490.6014938	0 0224960 256061 0 2106490
2022- 11-18	152.510452.700449.970451.2904482900449.8805260057818 2022 0.9100 0.00001490.0014958	0.022486 4 .356961 0 .3196489
2022-	$150.160 \\ 050.370 \\ 047.720 \\ 048.010 \\ 05872410 \\ 046.63089 \\ $	$0.022486 \mathbf{@}.356961 0.3196489$
11-21 2022-	$0.0216802\\148.130 \\ \textbf{0} 50.420 \\ \textbf{0} 46.930 \\ \textbf{0} 50.180 \\ \textbf{0} 180410 \\ \textbf{0} 48.780 \\ \textbf{0} 40146612 \ 2022 \ 0.9100 \ 0.00605940.6059396}$	0.022486 0 .356961 0 .3196489
11-22		0.0221004.0000010.0100100
2022- 11-23	$149.450 0 51.830 0 49.340 0 51.070 6 830140 0 49.6623 7.0059263\ 2022\ 0.9100\ 0.00602370.6023697$	0.022486 \@ $.356961$ \@ $.3196489$
2022-	148.310 0 48.880 0 47.120 0 48.110 6 519590 0 46.72995 - 2022 0.9100 0.00614410.6144082	0.022486 0 .356961 0 .3196489
11-25	0.0195936	0.000406#.056061#.0106400
2022- 11-28	$145.140 0 46.640 0 43.380 0 44.220 6 924600 0 42.87621 - 2022 \ 0.9100 \ 0.00630980.6309804 \\ 0.0262643$	0.022486 4 .356961 0 .3196489
2022-	$144.290 \\ 0 44.810 \\ 0 40.350 \\ 0 41.170 \\ 0 376380 \\ 0 39.85460 \\ $	0.022486 0 .356961 0 .3196489
11-29 2022-	$0.0211483\\141.400048.720040.550048.0300113809006.650700485939\ 2022\ 0.9100\ 0.00614740.6147403$	0.022486 4 .356961 0 .3196489
11-30	141.400440.720440.000440.0004113003440.000180409333 2022 0.3100 0.00014740.0147400	0.0224004.0000010.0100400
2022-	$148.210 0 49.130 0 46.610 0 48.310 7 125040 0 46.9281 0 0018915\ 2022\ 0.9100\ 0.00613580.6135797$	0.022486 @ . 356961 @ . 3196489
12-01 2022-	145.960 0 48.000 0 45.650 0 47.810 6 544740 0 46.43277 - 2022 0.9100 0.00615660.6156552	0.022486 0.3569610 .3196489
12-02	0.0033713	
2022- 12-05	$\frac{147.770 0 50.920 0 45.770 0 46.630 6 882640 0 45.26376}{0.0079832} - \frac{2022}{0.9100} \frac{0.00620610.6206097}{0.00620610.6206097}$	0.022486 0 .356961 0 .3196489
2022-	$147.070 \\ 047.300 \\ 041.920 \\ 042.910 \\ 6472720 \\ 041.57840 \\ $	$0.022486 \mathbf{@}.356961 0.3196489$
12-06 2022-	$0.0253700\\142.190 043.370 040.000 040.940 6972110 039.62675 \qquad - 2022 \ 0.9100 \ 0.00645660.6456648$	0.022486 0 .356961 0 .3196489
12-07	0.0137849	0.022400 \. .550901 0 .5190409
2022-	$142.360 0 43.520 0 41.100 0 42.650 6 212830 0 41.3208 3 0121328 \ 2022 \ 0.9100 \ 0.00637930.6379250$	$0.022486 \mathbf{@}.356961 0.3196489$
12-08 2022-	142.340 0 45.570 0 40.900 0 42.160 7 609700 0 40.83539 - 2022 0.9100 0.00640120.6401238	0.022486 4 .356961 0 .3196489
12-09	0.0034349	
2022- 12-12	$142.700044.500041.060044.4907046270043.143680163900\ 2022\ 0.9100\ 0.00629800.6298013$	0.022486 4 .356961 0 .3196489
2022-	149.500 0 49.970 0 44.240 0 45.470 9 388620 0 44.1145 6 0067824 2022 0.9100 0.00625560.6255585	$0.022486 \mathbf{@}.356961 0.3196489$
12-13 2022-	145 250046 660041 160042 2100220120041 27561 2022 0 0100 0 00625420 6254205	0 0004860 056061 0 0106400
2022- 12-14	$\frac{145.350046.660041.160043.2108229120041.87561}{0.0155358} - \frac{2022}{0.9100} \frac{0.00635430.6354305}{0.0155358}$	0.022486 4 .356961 0 .3196489
2022-	$141.110 \\ 041.800 \\ 036.030 \\ 036.500 \\ 9893190 \\ 035.22813 \\ $	0.022486 0 .356961 0 .3196489
12-15 2022-	0.0468543 136.690 0 37.650 0 33.730 0 34.510 0 601569 06 3.25667 - 2022 0.9100 0.00676530.6765297	0.022486 4 .356961 0 .3196489
12-16	0.0145788	

Dates	Open High	Low	Close	Volume Ad	ljustedlaily.retu	r yıe ar	Divide	n d iv_yiel d iv_	yield_p	erad <u>n</u> tægernolatilityvo	 olatility_ave
2022-	135.110 0 35.2	00031.32	0032.370	0 7 959260 0 3	1.13660 - 0.0159096	-	0.9100	0.00687470.6	874670	0.022486 4 .356961 0 .	3196489
12-19 2022- 12-20	131.390 0 33.2	50 0 29.89	0 0 32.300	0 7 743280 0 3		2022	0.9100	0.00687830.6	878307	0.022486 4 .356961 0 .	3196489
2022- 12-21	132.980036.8	10 0 32.75	0 0 35.450	0 8 592800 0 3	4.18791.0238095		0.9100	0.00671830.6	718346	0.022486 4 .356961 0 .	3196489
2022- 12-22	134.350034.5	60 0 30.30	0 0 32.230	0 7 785210 0 3	0.99791 - 0.0237726	-	0.9100	0.00688190.6	881948	0.022486 4 .356961 0 .	3196489
2022- 12-23	130.920 0 32.4	20 0 29.64	0 0 31.860	0 6 381490 0 3		2022	0.9100	0.00690130.6	901259	0.022486 4 .356961 0 .	3196489
2022- 12-27	131.380 0 31.4	10 0 28.72	0 0 30.030	0 6 900780 0 2		2022	0.9100	0.00699840.6	998385	0.022486 4 .356961 0 .	3196489
2022- 12-28	129.670 0 31.0	30 0 25.87	0026.040	0 8 543840 0 2		2022	0.9100	0.00721990.7	219930	0.022486 4 .356961 0 .	3196489
2022- 12-29	127.990 0 30.4	80 0 27.73	0 0 29.610	0 7 570370 0 2	8.4023330283243		0.9100	0.00702110.7	021063	0.022486 4 .356961 0 .	3196489
2022- 12-30	128.410 0 29.9	50 0 27.43	0 0 29.930	0 7 703420 0 2	8.719350024689	2022	0.9100	0.00700380.7	003772	0.022486 4 .356961 0 .	3196489
2023- 01-03	130.280 0 30.9	00 0 24.17	0025.070	0 0 121175 02	3.90462 - 0.0374047		0.9500	0.00759570.7	595746	0.012783 3 .202928 0 .	3196489
2023- 01-04	126.890 0 28.6	60 0 25.08	0 0 26.360	0 8 911360 0 2	5.182 62 0103142	2023	0.9500	0.00751820.7	518202	0.012783 3 .202928 0 .	3196489
2023- 01-05	127.130027.7	70 0 24.76	0 0 25.020	0 8 096270 0 2	3.85509 - 0.0106047		0.9500	0.00759880.7	598784	0.012783 3 .202928 0 .	3196489
2023- 01-06	126.010 0 30.2	90 0 24.89	0 0 29.620	0 8 775470 0 2	8.412 23 0367941	2023	0.9500	0.00732910.7	329116	0.012783 3 .202928 0 .	3196489
2023- 01-09	130.470 0 33.4	10 0 29.89	0 0 30.150	0 7 079080 0 2	8.9373000040889	2023	0.9500	0.00729930.7	299270	0.012783 3 .202928 0 .	3196489
2023- 01-10	130.260 0 31.2	60 0 28.12	0 0 30.730	0 6 389620 0 2	9.5119000044564	2023	0.9500	0.00726690.7	266886	0.012783 8 .202928 0 .	3196489
2023- 01-11	131.250033.5	10 0 30.46	0 0 33.490	0 6 945890 0 3	2.2462000211123	2023	0.9500	0.00711660.7	116638	0.012783 8 .202928 0 .	3196489
2023- 01-12	133.880 0 34.2	60 0 31.44	0 0 33.410	0 7 137960 0 3	2.16695 - 0.0005993		0.9500	0.00712090.7	120905	0.012783 8 .202928 0 .	3196489
2023- 01-13	132.030 0 34.99	20 0 31.66	0 0 34.760	0 5 780970 0 3	3.504 33 0101191	2023	0.9500	0.00704960.7	049570	0.012783 8 .202928 0 .	3196489
2023- 01-17	134.830037.2	90 0 34.13	0 0 35.940	0 6 364660 0 3	4.6733240087564	2023	0.9500	0.00698840.6	988377	0.012783 3 .202928 0 .	3196489
2023- 01-18	136.820 0 38.6	10 0 35.03	0 0 35.210	0 6 967280 0 3	3.95015 - 0.0053700		0.9500	0.00702610.7	026107	0.012783 3 .202928 0 .	3196489
2023- 01-19	134.080 0 36.2	50 0 33.77	0035.270	0 5 828040 0 3	4.0096000004437	2023	0.9500	0.00702300.7	022991	0.012783 3 .202928 0 .	3196489
2023- 01-20	135.280 0 38.0	20 0 34.22	0 0 37.870	0 8 022360 0 3	6.58537.0192207	2023	0.9500	0.00689050.6	890549	0.012783 8 .202928 0 .	3196489
2023- 01-23	138.120043.3	20 0 37.90	0 0 41.110	0 8 176030 0 3	9.7951080235004	2023	0.9500	0.00673230.6	732336	0.012783 3 .202928 0 .	3196489
2023- 01-24	140.310 0 43.1	60 0 40.30	0 0 42.530	0 6 643510 0 4	1.201950100631	2023	0.9500	0.00666530.6	665264	0.012783 8 .202928 0 .	3196489
2023- 01-25	140.890 0 42.4	30 0 38.81	0 0 41.860	0 6 579930 0 4	0.53818 - 0.0047008		0.9500	0.00669670.6	696743	0.012783 8 .202928 0 .	3196489
2023- 01-26	143.170 0 44.2	50 0 41.90	0 0 43.960	0 5 410510 0 4	2.618640148034	2023	0.9500	0.00659910.6	599055	0.012783 8 .202928 0 .	3196489
2023- 01-27	143.160 0 47.2	30 0 43.08	0 0 45.930	0 7 055580 0 4	4.5702040136843	2023	0.9500	0.00651000.6	509971	0.012783 8 .202928 0 .	3196489
2023- 01-30	144.960 0 45.5	50 0 42.85	0 0 43.000	0 6 401530 0 4	1.66757 - 0.0200781		0.9500	0.00664340.6	643357	0.012783 3 .202928 0 .	3196489
2023- 01-31	142.700 0 44.3	40 0 42.28	0 0 44.290	0 6 587450 0 4	2.9455040090209		0.9500	0.00658400.6	583963	0.012783 8 .202928 0 .	3196489
2023- 02-01	143.970 0 46.6	10 0 41.32	0 0 45.430	0 7 766360 0 4	4.07491.0079008	3 2023	0.9500	0.00653240.6	532353	0.012783 8 .202928 0 .	3196489

Dates	Open	High	Low	Close	Volume A	djustedlaily.retu	r ņe ar	Divide	n d iv_yiel d iv	yield	perseentrageruslatility	volatility_	_avg
2023-	148.90	0051.18	0048.17	70 0 50.820	018339000	19.4147000370626	5 2023	0.9500	0.00629890	6298899	0.012783 3 .202928	0 .3196489)
02-02 2023-	148.03	0 0 57.38	0 0 47.83	30 0 54.500	0054357300	3.06041.0243999	2023	0.9500	0.00614890	6148867	0.012783 3 .202928	0 .3196489)
02-03	150 57	0 0 59 10	0050 70)OME1 790	ngorogoge	(0.21699	2022	0.0500	0.00696110	c0c1100	0.0107020.00000	on 2106400	
2023- 02-06	152.57	U U 53.1U	U U 5U.78	80 u 51.730) 6 985830 0 5	60.31622 - 0.0179288		0.9500	0.00626110	0201122	0.012783 9 .202928	0 .3196489)
2023-	150.64	0 0 55.23	0 0 50.64	10 0 54.650	0 8 332260 0 5	53.2089\\$0192447	2023	0.9500	0.00614290	6142904	0.012783 3 .202928	0 .3196489)
02-07 2023-	153.88	0 0 54.58	0 0 51.17	70 0 51.920	0 6 412010 0 5	60.50446 -	2023	0.9500	0.00625330	6253291	0.012783 3 .202928	0 .3196489)
02-08	450 -0		0450 40		~~~~~	0.0176527		0.0500	0.00000000	0000010	0.010=000.0000	• • • • • • • • • • • • • • • • • • • •	
2023- 02-09	153.78	0 0 54.33	0 0 50.42	20 0 50.870	0 5 600 7 10 0 4	19.46420 - 0.0069116		0.9500	0.00629680	6296812	0.012783 3 .202928	3 0 .3196489)
2023-	149.46	0 0 51.34	0 0 49.22	20 0 51.010	6 745070 0 4	49.8313 4 0009279	2023	0.9500	0.00629100	6290974	0.012783 9 . 202928	0 .3196489)
02-10 2023-	150.95	0 0 54.26	0 0 50.92	20 0 53.850	0 6 219900 0 5	52.649 10 90188068	3 2023	0.9500	0.00617480	6174845	0.012783 3 .202928	0 .3196489)
02-13													
2023- 02-14	152.12	0 0 53.77	00150.86	50 0 53.200	0 6 170760 0 5	52.00424 - 0.0042250		0.9500	0.00620100	6201045	0.012783 3 .202928	3 0 .3196489)
2023-	153.11	0 0 55.50	0052.88	80 0 55.330	0 6 557380 0 5	54.11 760 00139034	1 2023	0.9500	0.00611600	6116011	0.012783 9 .202928	0 .3196489)
02-15 2023-	153.51	0 0 56.33	0 0 53.35	50 0 53.710	0 6 816790 0 5	52.51028 -	2023	0.9500	0.00618050	6180469	0.012783 3 .202928	0 .3196489)
02-16						0.0104294	Į						
2023- 02-17	152.35	0 0 53.00	0 0 50.85	0 0 52.550) 5 914410 0 5	51.35933 - 0.0075467		0.9500	0.00622750	6227466	0.012783 3 .202928	3 0 .3196489)
2023-	150.20	0 0 51.30	0048.41	0048.480	6 886720 0 4		2023	0.9500	0.00639820	6398168	0.012783 9 .202928	0 .3196489)
02-21 2023-	148.87	0 0 49.95	0 0 47.16	60 0 48.910	0 5 101130 0 4	0.0266798 17.747 76 0028961		0.9500	0.00637970	6379692	0.012783 3 .202928	0 .3196489)
02-22													
2023- 02-23	150.09	0 0 50.34	0 0 47.24	10 0 49.400) 4839420U 4	18.2339 2 0032905	2023	0.9500	0.00635880	6358769	0.012783 3 .202928	3 0 .3196489)
2023-	147.11	0 0 47.19	0 0 45.72	20 0 46.710	6 546960 0 4			0.9500	0.00647540	6475359	0.012783 9 .202928	0 .3196489)
02-24 2023-	147.71	0 0 49.17	0047.45	50 0 47.920	0 4 499850 0 4	0.0180053 46.7654940082475		0.9500	0.00642240	6422391	0.012783 3 .202928	0 .3196489)
02-27													
2023- 02-28	147.05	0 0 49.08	0046.83	30 0 47.410) 6 054700 0 4	16.25943 - 0.0034478		0.9500	0.00644460	6444610	0.012783 3 .202928	3 0 .3196489)
2023-	146.83	0 0 47.23	0 0 45.01	.0 0 45.310	6 547900 0 4	4.17581 -	2023	0.9500	0.00653770	6537747	0.012783 3 .202928	0 .3196489)
03-01 2023-	144.38	0 0 46.71	0 0 43.90	00 0 45.910) 5 223810 0 4	0.0142460 44.771 15 0041291		0.9500	0.00651090	6510863	0.012783 9 .202928	0 .3196489)
03-02													
2023- 03-03	148.04	0 0 51.11	0 0 47.33	30 0 51.030) 0 073230 0 4	19.851 20 00350901	2023	0.9500	0.00629010	6290141	0.012783 3 .202928	3 0 .3196489)
2023-	153.79	0 0 56.30	0 0 53.46	60 0 53.830	0 8 755800 0 5	52.629 33 0185394	1 2023	0.9500	0.00617560	6175648	0.012783 9 .202928	0 .3196489)
03-06 2023-	153.70	0 0 54.03	0 0 51.13	80 0 51.600	0 6 618200 0 5	60.41675 -	2023	0.9500	0.00626650	6266491	0.012783 3 .202928	0 .3196489)
03-07						0.0144965							
2023- 03-08	152.81	0 0 53.47	0051.83	30 0 52.870	0 4 720480 0 5	51.6768330083772	2 2023	0.9500	0.00621440	6214431	0.012783 3 .202928	3 0 .3196489)
2023-	153.56	0 0 54.54	0 0 50.23	30 0 50.590	0 5 383360 0 4			0.9500	0.00630850	6308520	0.012783 9 .202928	0 .3196489)
03-09 2023-	150.21	0 0 50.94	0 0 47.61	.0048.500	0 6 857240 0 4	0.0149146 7.34094		0.9500	0.00639730	6397306	0.012783 3 .202928	0 .3196489)
03-10						0.0138787	7						
2023- 03-13	147.81	U U 53.14	U U 47.70)U U 50.47() 3 445710 0 4	19.295 55 0132660	2023	0.9500	0.00631360	6313551	0.012783 3 .202928	U .3196489	
2023-	151.28	0 0 53.40	0 0 50.10	00 0 52.590	7 369590 0 5	51.3990 2 0140892	2 2023	0.9500	0.00622580	6225834	0.012783 3 .202928	0 .3196489)
03-14 2023-	151 19	0 0 53 25	0 0 49 92	20052.990) 0 716790 0 5	51.795900026215	5 2023	0.9500	0.00620960	6209556	0.012783 3 .202928	0 .3196489	,
03-15													
2023- 03-16	152.16	0 0 56.46	0 0 51.64	10 0 55.850	0 7 616110 0 5	54.6335280186940	2023	0.9500	0.00609560	6095605	0.012783 8 .202928	0 .3196489)
09-10													

Dates	Open	High	Low	Close	Volume Ac	ljustedlaily.retu	r ys ar	Divide	n d iv_yie	l d iv_yie	eld_p	oerad <u>n</u> tægernol	atilityvolatility	_avg
2023-	156.08	0056.74	0054.28	0 0 55.000	9 894460 0 5			0.9500	0.006129	900.6129	9032	0.012783 3 .2	02928 0 .3196489)
03-17 2023-	155.07	0 0 57 89	00054.15	.0 0.5 7.400	0 7264140 0 15	0.0054540 6.171 40 60154838		0.0500	0.006031	560 6035	5579	0.0197839.9	02928 0 .3196489	,
03-20	100.07	001.02	0004.10	00001.400	W 904140W 9	0.17140.0154656	2023	0.9500	0.00003	000.000	5516	0.0127630.2	02920 0 .3190408	,
2023-	157.32	0 0 59.40	0 0 56.54	0059.280	7 393830 0 5	8.036 79 0119441	2023	0.9500	0.005964	430.5964	4340	0.012783 3 .2	02928 0 .3196489)
03-21 2023-	150.20	O n 69 14	0 0 57 91	0057 830	0 570180 0 5	6.59813 -	2023	0.0500	0.006019	010 6010	1194	0.0197839.9	02928 0 .3196489	,
03-22	109.00	0002.14	:00101.01	.00101.000	M 9 1 0 1 9 0 M 9	0.09813 - 0.0091034		0.9500	0.00001	310.0018	9104	0.0127630.2	02920 0 .3190408	,
2023-	158.83	0 0 61.55	0 0 57.68	60 0 58.930	6 762210 0 5	7.689 53 0069695	2023	0.9500	0.00597	750.5977	7475	0.012783 3 .2	02928 0 .3196489)
03-23 2023-	158 86	Ი Ი ᲜᲘ 34	0 0 57 85		MAO1065005	8.999 22 0083056	: 2023	0.0500	0.005029	820 5028	2027	0.0197838.9	02928 0 .3196489	,
03-24	100.00	00.00	:0401.00	0000.250	931303043	0.999220009000	2020	0.5500	0.005520	320.3320	3201	0.0121030.2	020200.0100400	,
2023-	159.94	0 0 60.77	70 0 57.87	0058.280	6 239030 0 5			0.9500	0.006002	200.6002	2022	0.012783 8 .2	02928 0 .3196489)
03-27 2023-	157 97	0058 49	0055 98	0 0 57 650	0 4 599220 0 5	0.0122933 6.41953 -		0.9500	0.006026	600 6026	3007	0.012783 8 2	02928 0 .3196489)
03-28	20	0400.10	0400.00		. 4000 = 1040	0.0039803		0.0000	0.00002	000.002		0.012,000.2	0 2 0 2 0 0 10100100	
2023- 03-29	159.37	0 0 61.05	0 0 59.35	60 0 60.770	6 130570 0 5	9.5151080197907	2023	0.9500	0.005909	910.5909	9062	0.012783 3 .2	02928 0 .3196489)
2023-	161.53	0 0 62.47	0 0 61.27	0 0 62.360	0 4 950170 0 6	1.0927040098899	2023	0.9500	0.00585	120.5851	1195	0.012783 3 .2	02928 0 .3196489)
03-30														
2023- 03-31	162.44	0 0 65.00	0 0 61.91	0 0 64.900	0 6 874980 0 6	3.61290.0156442	2023	0.9500	0.00576	110.5761	1068	0.012783 8 .2	02928 0 .3196489)
2023-	164.27	0 0 66.29	0064.22	0 0 66.170	6 697620 0 6	4.8730330077017	2023	0.9500	0.005717	700.5717	7037	0.012783 3 .2	02928 0 .3196489)
04-03 2023-	166 60	O n 66 94	0 0 65 11	0065 620	0 4 627830 0 6	4.33722 -	2022	0.0500	0.00573	570 579F	5676	0 019799 9 9	02928 0 .3196489	,
04-04	100.00	000.04	:00:00.11	.00003.030	1402703040	0.0032496		0.9500	0.00575	910.9196	5070	0.0127630.2	J2920 U. J190408	,
2023-	164.74	0 0 65.05	0 0 61.80	0 0 63.760	6 151170 0 6			0.9500	0.00580	120.5801	1173	0.012783 3 .2	02928 0 .3196489)
04-05 2023-	162.43	0 0 64.96	60 0 62.00	0064.660	0 4 539010 0 6	$0.0112903 \ 3.374820054959$		0.9500	0.005769	950.5769	9464	0.012783 8 .2	02928 0 .3196489)
04-06							_0_0	0.0000	0.000.00	000.0100	, 101	0.012,000.2	0-0-0010100100	
2023- 04-10	161.42	0 0 62.03	80 0 60.08	60 0 62.030	0 4 771690 0 6	0.76537 - 0.0159723		0.9500	0.005863	310.5863	3112	0.012783 8 .2	02928 0 .3196489)
2023-	162.35	0062.36	60 0 60.51	0060.800	0476442005			0.9500	0.005908	800.5907	7960	0.012783 3 .2	02928 0 .3196489)
04-11	1.01.00	04.00.00	0050 50	08.00 100	A 0 1 0 0 1 0 A F	0.0075912		0.0500	0.00500	200 500	2501	0.0105000.0	22222 212412	
2023- 04-12	161.22	0062.06	00159.78	90 0 60.100	6 013310 0 5	8.85040 - 0.0043532		0.9500	0.005933	380.5933	3791	0.012783 9 .2	02928 0 .3196489	,
2023-	161.63	0 0 65.80	0 0 61.42	0065.560	6 844560 0 6	4.2677060341036		0.9500	0.005738	810.5738	8101	0.012783 3 .2	02928 0 .3196489)
04-13 2023-	164 50	Ი Ი ᲜᲜ 32	nnes 89	n n 65 210	0 4 938650 0 6	3 02052 _	2023	0.9500	0.005750	030 5750	1957	0.0197838.9	02928 0 .3196489	,
04-14	104.00	00.02	.0409.02	.0000.210	450000040	0.0021140		0.5000	0.000100	000.0100	J201	0.0121000.2	020200.0100400	,
2023-	165.09	0 0 65.39	0 0 64.03	60 0 65.230	0 4 151620 0 6	3.9403 5 0001210	2023	0.9500	0.005749	960.5749	9561	0.012783 3 .2	02928 0 .3196489)
04-17 2023-	166.10	0 0 67.41	.0 0 65.65	0066.470	0 4 992300 0 6	5.1706280075047	2023	0.9500	0.005706	670.5706	6734	0.012783 3 .2	02928 0 .3196489)
04-18														
2023- 04-19	165.80	0068.16	60 0 65.54	:0 0 67.630	04772020 0 6	6.321640069682	2 2023	0.9500	0.005667	720.5667	7243	0.012783 B .2	02928 0 .3196489)
2023-	166.09	0 0 67.87	0 0 65.56	60 0 66.650	6 245640 0 6	5.34926 -	2023	0.9500	0.005700	060.5700	0570	0.012783 3 .2	02928 0 .3196489)
04-20 2023-	165.05	0 0 66 45	0064.40	10 0 65 000	:	0.0058463		0.0500	0.005756	600 E7E6	2070	0.0197990.9	19099 0 210 <i>64</i> 90	,
2023- 04-21	105.05	000.45	0 00 04.49	00000.020	1905515040	5.75199 - 0.0097809		0.9500	0.003730	090.5750	0010	0.0127630.2	02928 0 .3196489	,
2023-	165.00	0 0 65.60	0 0 63.89	0065.330	0 4 194960 0 6	4.0395280018785		0.9500	0.005746	610.5746	6084	0.012783 3 .2	02928 0 .3196489)
04-24 2023-	165 19	0 0 66 31	0063.73	0063 770	0 4 871410 0 6	2.49175 -	2023	0.9500	0.005800	080 5800	0818	0.012783 B 2	02928 0 .3196489)
04-25	100.10				, 1 11040	0.0094357		0.000	3.303000			0.0121000.2		
2023-	163.06	0 0 65.28	30 0 62.80	0063.760	0 4 549880 0 6			0.9500	0.00580	120.5801	1173	0.012783 3 .2	02928 0 .3196489)
04-26 2023-	165.19	0 0 68.56	60 0 65.19	0068.410	6 490230 0 6	0.0000611 7.095 5 40283953		0.9500	0.005641	100.5640	0995	0.012783 3 .2	02928 0 .3196489)
04-27														
2023- 04-28	168.49	U Q 69.85	0 0 67.88	SU Q 69.680	0 5 520920 0 6	8.355601.0075411	2023	0.9500	0.005598	880.5598	3774	0.012783 3 .2	02928 0 .3196489)
0 1-20														

Dates	Open	High	Low	Close	Volume A	Adjustedlaily.retu	r ys ar	Divide	n d iv_yi	el d iv_;	yield_j	persæ <u>n</u> tægern	slatilityvolatility	_avg
2023-	169.280	0070.45	0068.64	.0 0 69.590	6 247290 0	68.26631 - 0.0005304		0.9500	0.00560	0170.56	601746	0.0127838	.202928 0 .3196489	9
05-01 2023-	170.090	0 0 70.35	0 0 67.54	.0068.540)4842570 0	67.22450 -	2023	0.9500	0.00563	3660.56	636644	0.012783 8	.202928 0 .3196489	9
05-02 2023-	169.500	0 0 70.92	0 0 67.16	60 0 67.450	0 6 513600 0		2023	0.9500	0.00567	7330.56	673335	0.012783 8	.202928 0 .3196489	9
05-03 2023- 05-04	164.890	0 0 67.04	.0 0 64.31	0 0 65.790	0 8 123540 0	$0.0064673 \\ 64.49597 - \\ 0.0099134$	2023	0.9500	0.00573	3010.57	730141	0.012783 8	.202928 0 .3196489	9
2023- 05-05	170.980	0 0 74.30	0 0 70.76	50 0 73.570	01331640	72.215 29 .0469269		0.9500	0.00547	7330.54	173296	0.012783 8	.202928 0 .3196489	9
2023- 05-08	172.480	0 0 73.85	0 0 72.11	0 0 73.500	6 596280 0	72.14583 - 0.0004033		0.9500	0.00547	7550.54	175504	0.012783 3	.202928 0 .3196489	9
2023- 05-09	173.050	0 0 73.54	.0 07 1.60	00071.770	0 4 532690 0	70.42932 - 0.0099712		0.9500	0.00553	3070.55	530651	0.012783 8	.202928 0 .3196489	9
2023- 05-10	173.020	0 0 74.03	30 0 71.90	00173.560) 5 372450 0	72.205 35 0104209	9 2023	0.9500	0.00547	7360.54	173612	0.012783 3	.202928 0 .3196489	9
2023- 05-11	173.850	0 0 74.59	0072.17	70 0 73.750	0 4 951470 0	72.3938060010947						0.012783 8	.202928 0 .3196489	9
2023- 05-12					0 4 549780 0	0.0067913	3		0.00550				.202928 0 .3196489	
2023- 05-15) G 726670 0	0.0028974	1		0.00552				.202928 0 .3196489	
2023- 05-16						70.9631330000000							.202928 0 .3196489	
2023- 05-17						71.5791030036032							.202928 0 .3196489	
2023- 05-18						73.92397.0136661							.202928 0 .3196489	
2023- 05-19						74.033260006284							.202928 0 .3196489	
2023- 05-22					0 4 357090 0	0.0054807	7		0.00545				.202928 0 .3196489	
2023- 05-23) 5 074730 0	0.0151550)		0.00553				.202928 0 .3196489	
2023- 05-24						70.734590016321							.202928 0 .3196489	9
2023- 05-25	172.410	0 0 73.90	0 0 71.69	00172.990) 6 605830 0	71.87721.0066923	3 2023	0.9500	0.00549	9160.54	191647	0.012783 8	.202928 0 .3196489	9
2023- 05-26	173.320	0 0 75.77	70 0 73.11	0075.430) 5 483500 0	74.301480141048	3 2023	0.9500	0.00541	1530.54	115266	0.012783 8	.202928 0 .3196489	9
2023- 05-30	176.960	0 0 78.99	00176.57	70 0 77.300) 5 596440 0	76.159 47 .0106596	5 2023	0.9500	0.00535	5810.53	358150	0.012783 8	.202928 0 .3196489	9
2023- 05-31	177.330	0 0 79.35	50 0 76.76	50 0 77.250) 9 962530 0	76.10980 - 0.0002820		0.9500	0.00535	5970.53	359661	0.012783 8	.202928 0 .3196489	9
2023- 06-01	177.700	0 0 80.12	20 0 76.93	80 0 80.090	0 6 890180 0	78.931 52 0160225	5 2023	0.9500	0.00527	7510.52	275140	0.012783 8	.202928 0 .3196489	9
2023- 06-02	181.030	0081.78	30 0 79.26	60 0 80.950	0 6 194590 0	79.7860000047754	1 2023	0.9500	0.00525	5010.52	250069	0.012783 8	.202928 0 .3196489	9
2023- 06-05	182.630	0 0 84.95	60 0 78.04	0 0 79.580	0 0 219465 0	7 8.42482 - 0.0075711		0.9500	0.00529	9010.52	290121	0.012783 8	.202928 0 .3196489	9
2023- 06-06	179.970	0080.12	0 0 77.43	30 0 79.210	6 484840 0	78.05719 - 0.0020603		0.9500	0.00530	0100.53	301043	0.012783 3	.202928 0 .3196489	9
2023- 06-07	178.440	0081.21	0 0 77.32	0077.820	6 194460 0	76.67613 - 0.0077563		0.9500	0.00534	4250.53	342481	0.012783 3	.202928 0 .3196489	9
2023- 06-08	177.900	0 0 80.84	.0 0 77.46	50 0 80.570	0 5 021490 0	79.408 43 0154651	1 2023	0.9500	0.00526	6110.52	261117	0.012783 8	.202928 0 .3196489	9
2023- 06-09	181.500	0082.23	80 0 80.63	80 0 80.960	048870700	79.7959380021598	8 2023	0.9500	0.00524	4980.52	249779	0.012783 8	.202928 0 .3196489	9
2023- 06-12	181.270	0 0 83.89	00180.97	70 0 83.790) 5 427490 0	82.60770.0156387	7 2023	0.9500	0.00516	6890.51	168943	0.012783 8	.202928 0 .3196489	9

Dates	Open	High	Low	Close	Volume A	djustedlaily.retu	ır yıe ar	Divide	n d iv_y	riel d iv_	_yield	perad <u>n</u> tage	ır ne latilityvolati	— ility_av
2023-	182.80	0084.15	0082.44	0083.310	6 492910 0			0.9500	0.0051	18250.5	5182478	0.01278	3 8 .202928 0 .319	6489
06-13 2023-	102 27	വരും	വരുടെ വാ	00402 OE)# <i>746</i> 900#	0.002611 ¹ 82.7666 9 .003491		0.0500	0.0051	16440 5	164447	0.01979	20 2020220 210	6400
2023- 06-14	183.37	J U 84.39	0482.02	OU83.950	7 5 746290 0	82.766090034914	1 2023	0.9500	0.0051	10440.5	104447	0.01278	3 3 .202928 0 .319	0489
2023-	183.96	0086.52	0083.78	80 0 86.010	6 543320 0	84.81345.011198	7 2023	0.9500	0.0051	10730.5	5107252	0.01278	3 8 .202928 0 .319	6489
06-15														
2023-	186.73	0 0 86.99	0084.27	70 0 84.920	000123560	8 3.73044 - 0.0058599		0.9500	0.0051	13740.5	5137357	0.01278	3 8 .202928 0 .319	6489
06-16 2023-	184 410	0 0 86 10	0084 41	0085 010	04979910 0	0.0058599 83.819 87 .000486		0.9500	0.0051	13490 5	5134858	0.01278	3 3 .202928 0 .319	6489
06-20	101,11	0400.10	0401.11	.0400,010	,40,00104	00.0100	0_0	0.0000	0.0003	2010010	,101000	0.012.0	30.2020200.010	0100
2023-	184.90	0 0 85.41	0082.59	00083.960	0 4 951570 0			0.9500	0.0051	16420.5	5164166	0.01278	3 8 .202928 0 .319	6489
06-21 2023-	183 7/1	N n 87 N5	0 0 83 67	70 0 87 000) Რ 19/530 Ი	0.0056753 85.7970 9 .0165253		0.9500	0.0050	18020 F	S080214	0.01278	3 3 .202928 0 .319	6480
06-22	100.14	0401.00	0405.01	0407.000	001240000	09.79700.010929	7 2020	0.5500	0.0000	0020.6	000214	0.01270	30. 202320 0. 313	0403
2023-	185.55	0 0 87.56	0 0 85.01	0086.680	6 307930 0			0.9500	0.0050	08890.5	5088922	0.01278	3 8 .202928 0 .319	6489
06-23	100 00	0400 05	0405 00	OBOL OF)d10000 7 0 4	0.0017113		0.0500	0.0051	10770 5	105051	0.01070	2 0 0000000 210	C400
2023- 06-26	180.83	U U 88.U5	U U 85.23	60 u 85.270	048088704	84.07822 - 0.0075530		0.9500	0.0051	12770.5	0127051	0.01278	3 9 .202928 0 .319	0489
2023-	185.89	0088.39	0085.67	0088.060	6 073080 0	86.85025015059		0.9500	0.0050	05160.5	5051579	0.01278	3 8 .202928 0 .319	6489
06-27	40=00		0 a 0 - 00		~				0 00 5			0.040=0		0.400
2023- 06-28	187.930	U u 89.90	0 08 7.60	00489.250) 6 121680 0	88.03261.006327	3 2023	0.9500	0.0050)1980.5	0119815	0.01278	3 3 .202928 0 .319	6489
2023-	189.08	0 0 90.07	0088.94	0 0 89.590	0 4 634730 0	88.37041.001796	5 2023	0.9500	0.0050	01080.5	5010813	0.01278	3 8 .202928 0 .319	6489
06-29														
2023- 06-30	191.63	0 0 94.48	0 0 91.26	60 0 93.970) 8 506960 0	92.722206023102	5 2023	0.9500	0.0048	89770.4	1897665	0.01278	3 8 .202928 0 .319	6489
2023-	193.78	0093.88	0091.76	60 0 92.460	0 3 145820 0	91.22195 -	2023	0.9500	0.0049	93610.4	1936090	0.01278	3 8 .202928 0 .319	6489
07-03	100	•	04010	.0402.100	, 0 1100 2 0 0	0.007784		0.0000	0.0010	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.012.0	30.2020200.010	0100
2023-	191.57	0 0 92.98	0 0 90.62	20 0 91.330	04692030 0			0.9500	0.0049	96520.4	1965243	0.01278	3 8 .202928 0 .319	6489
07-05 2023-	189 840	n n 92 n2	n n 89 20	nn n 91 810	04509430 0	0.005871 90.576 13 .002508		0.9500	0.0049	95280 Z	1052818	0.01278	3 3 .202928 0 .319	6489
07-06	100.01	0402.02	0400.20	,0 4 01.010	1000 1004	50.510 Les 002500	2020	0.0000	0.001	70200.	1002010	0.01210	99.2020200.010	0100
2023-	191.41	0 0 92.67	0 0 90.24	0 0 90.680	04677800 0			0.9500	0.0049	98220.4	1982169	0.01278	3 8 .202928 0 .319	6489
07-07 2023-	190 96	വെ വെ	00.07 04	n n 00 610	0 5 992220 0	0.0058913 87.39671 -		0.9500	0.0050	1969N F	:026040	0.01979	3 8 .202928 0 .319	6490
2023- 07-10	109.20	J u 69.99	0407.04	100.0010) 0 992220 u	0.010855		0.9500	0.0050	.0000.6	0030849	0.01278	30 .202928 0 .319	0469
2023-	189.16	0 0 89.30	0 0 86.60	00088.080	0 4 663810 0			0.9500	0.0050	05100.5	5051042	0.01278	3 8 .202928 0 .319	6489
07-11	100.00	0401 70	00000 47	70400 77)@075000A	0.002810		0.0500	0.0050	00010	,,,,,,,,,,	0.01070	2 0 0000000 210	C400
2023- 07-12	189.08	0 u 91.70	UU88.47	0489.770) 6 075020 u	88.549 20 60089850	2023	0.9500	0.0050	0.010.5	UUUUUU	0.01278	3 9 .202928 0 .319	0489
2023-	190.50	0 0 91.19	0089.78	80 0 90.540	041342300	89.31429.004057	5 2023	0.9500	0.0049	98580.4	1985830	0.01278	3 8 .202928 0 .319	6489
07-13														
2023- 07-14	190.230	0 0 91.18	0 0 89.63	80 0 90.690) 4 157390 0	89.4633330007873	3 2023	0.9500	0.0049	98190.4	1981908	0.01278	3 3 .202928 0 .319	6489
2023-	191.90	0 0 94.32	0 0 91.81	.0 0 93.990	0 5 052020 0	92.742133017305	5 2023	0.9500	0.0048	89720.4	1897160	0.01278	3 8 .202928 0 .319	6489
07-17														
2023- 07-18	193.350	0 0 94.33	0 0 92.42	20 0 93.730)4835380 0	92.48376 - 0.0013403		0.9500	0.0049	90370.4	1903732	0.01278	3 8 .202928 0 .319	6489
2023-	193.10	0098.23	0092.65	50 0 95.100	0 8 050730 0	93.84499.0070713		0.9500	0.0048	86930.4	1869298	0.01278	3 8 .202928 0 .319	6489
07-19			0 - 0 - 10 0					0.0000	0.000			0.00		
2023-	195.09	0 0 96.47	0092.50	00 0 93.130	0 5 958120 0			0.9500	0.0049	91900.4	1918966	0.01278	3 8 .202928 0 .319	6489
07-20 2023-	194 10	0 0 94 97	7 0 191 23	80 0 91 940	0 7 191780 0	0.010097 - 0.70531 -		0.9500	0 0049	94950 /	1949463	0.01978	3 8 .202928 0 .319	6489
07-21	101.10		2201.20	5401.0 R	. 5 10 1 1000	0.006161		0.000	0.00 re	. 1000.		0.01210	33.2020200.010	2 200
2023-	193.41	0 0 94.91	0 0 92.25	60 0 92.750	0 4 537780 0	91.51009.004220	1 2023	0.9500	0.0049	92870.4	1928664	0.01278	3 8 .202928 0 .319	6489
07-24 2023-	102 22	O M O4 44	വൂറാ റാ	വിവാ ഭവ	า ศ 7983904	92.3745 1 .004513	പോ	0.0500	0.0040	00650	1006519	0 019 7 9	3 8 .202928 0 .319	6480
2023- 07-25	190.00	J U 34.44	:UU:94.94	.บนฮอ.02โ) . 1 2002U U	<i>5</i> 4.5743 1. 0049130) 4U 43	0.9500	0.0048	,000U.4	F900918	0.01278	o u .404940 U .319	0409
2023-	193.67	0 0 95.64	0093.32	20 0 94.500	0 4 747190 0	93.248833004545	2023	0.9500	0.0048	88430.4	1884319	0.01278	3 3 .202928 0 .319	6489
07-26														

Dates	Open	High	Low	Close	Volume Ad	justedlaily.retu	rmear	Divide	n d iv_yi	el d iv_	_yield	perad <u>n</u> tægerns	latilityvolatility	_avg
2023-	196.020	0097.20	0092.55	50 0 93.220	04746020 0 91			0.9500	0.0049	1670.4	1916675	0.012783 8 .2	202928 0 .3196489)
07-27 2023-	194.670	0 0 96.63	0 0 94.14	40 0 95.830	0 4 829140 0 94	0.0065810 4.5703 0 0135079		0.9500	0.0048	5110.4	1851146	0.012783 8 .2	202928 0 .3196489)
07-28 2023-	106.00	10 06 40	O M OE 90	20 0 06 454) @ 000410&0*	(1969MAA2166A	ഉള്ള	0.0500	0.00499	ogon 4	1095094	0 019 7 99 8 (000000 010 <i>04</i> 00)
2023- 07-31	190.000	J u 96.49	∪ u 95.26	ou u 96.45(J J 882410 U 95	5.186 29 .0031660	2023	0.9500	0.00483	ამ 8 U.4	1835836	U.U12783 5 1.	202928 0 .3196489)
2023- 08-01	196.240	0 0 96.73	0 0 95.28	80 0 95.610	0 6 517510 0 94	4.35168 - 0.0042759		0.9500	0.0048	5660.4	1856602	0.012783 8 .2	202928 0 .3196489)
2023-	195.040	0095.18	0 0 91.85	50 0 92.580	0 6 038930 0 91			0.9500	0.00493	3300.4	1933015	0.012783 8 .2	202928 0 .3196489)
08-02 2023-	101 57	വർഗവ വഴ	0 4 00 ec)0 0 101 170	0.001.001.000.00	0.0154900		0.0500	0.00404	CO 4 O - 4	1060200	0.0197020	202020 0 210 <i>0</i> 400	`
2023- 08-03	191.57	J U 92.37	0 u 90.69	90 u 91.170	0 6 123520 0 89	0.94025 - 0.0073217		0.9500	0.00496	0940.4	1909399	U.U12783 0	202928 0 .3196489	,
2023- 08-04	185.520	0087.38	0 0 81.92	20 0 81.990	0 0 157997 08 0	0.81931 - 0.0480200		0.9500	0.00522	2010.5	5220067	0.012783 8 .5	202928 0 .3196489)
2023-	182.130	0083.13	0 0 77.35	50 0 78.850	0 9 757610 0 77			0.9500	0.00533	1170.5	5311714	0.012783 3 .	202928 0 .3196489)
08-07 2023-	170.600	1400 9 7	0077 50	00 0 70 000	0@709900 0 70	0.0172537 3.643 37 .0053117		0.0500	0.0050	99 <i>6</i> 0 E	(2026/0	0.0197090	202020 210 <i>64</i> 00)
2025- 08-08	179.090	JU00.21	OU11.3c	50 u 19.500	J u 102300 u 10	5.04 531 .0055117	2023	0.9500	0.0052	0000.6	0203040	0.012763 0	202928 0 .3196489	,
2023- 08-09	180.870	0 0 80.93	0 0 77.01	10 0 78.190	0 6 037850 0 77	7.04375 - 0.0089544		0.9500	0.00533	3140.5	5331388	0.012783 8 .5	202928 0 .3196489)
2023-	179.480	0 0 80.75	0 0 77.60	00 0 77.970	0 5 468690 0 76			0.9500	0.00533	3800.5	337978	0.012783 8 .	202928 0 .3196489)
08-10 2023-	177 290	1 0 .78 69	0 0 76 55	50 0 77 700	0 6 198810 0 76	0.0012346 3.88487 -		0.0500	0.00534	4940 F	(2/2202	0.0197838	202928 0 .3196489)
08-11	177.320	J u 10.02	OU 10.55	00111.190	0190010 u 70	0.0010115		0.9500	0.0055	4040.6	0040000	0.0127030	202920 0. 3190408	,
2023- 08-14	177.970	0 0 79.69	0 0 77.31	10 0 79.460	04367560 0 78	8.54637.0093932	2023	0.9500	0.00529	9370.5	5293659	0.012783 3 .	202928 0 .3196489)
2023-	178.880	0079.48	0 0 77.05	50 0 77.450	04362260 0 76	5.54659 -	2023	0.9500	0.00538	5360.5	5353621	0.012783 8 .5	202928 0 .3196489)
08-15 2023-	177 120	10.7 8 54	0 0 76 50)0 0 76 570	0 4 696490 0 75	0.0112003 5.67108 -		0.0500	0.00538	8030 E	เลอบลบอ	0.0197838	202928 0 .3196489)
08-16	111.130	J u 16.54	OU 10.50	JOU 10.510)4090490 u 76	0.0049591	2023	0.9500	0.0055	0000.6	0000002	0.012763 0	202920 0. 3190408	,
2023- 08-17	177.140	0 0 77.51	0073.48	80 0 74.000	0 6 606290 0 73	3.11417 - 0.0145552		0.9500	0.00545	5980.5	5459770	0.012783 3 .2	202928 0 .3196489)
2023-	172.300	0 0 75.10	0 0 71.96	60 0 74.490	0 6 111420 0 73	0.0145552 3.601 67 .0028161		0.9500	0.0054	4440.5	5444438	0.012783 8 .5	202928 0 .3196489)
08-18 2023-	175.070	1 0 76 13	0 0 73 74	10075 840	00631100 0 77	1.944 78 0077368	2023	0.0500	0.00540	റാഭറ 🖪	3402630	0.0127838	202928 0 .3196489)
08-21	110.010	J u 10.15	00113.14	100.040	94031130474	1.344100077300	2020	0.9500	0.00340	0200.6	1402000	0.0121030	202320 0. 3130408	,
2023- 08-22	177.060	0077.68	0076.25	50 0 77.230	04208420 0 76	5.327700.0079049	2023	0.9500	0.00536	6030.5	360266	0.012783 8 .2	202928 0 .3196489)
2023-	178.520	0081.55	0078.33	30 0 81.120	0 5 272280 0 80	0.19791.0219489	2023	0.9500	0.00524	4510.5	5245141	0.012783 8 .5	202928 0 .3196489)
08-23 2023-	180 670	00 81 10	0 0 76 01	10 0 76 380	0 5 494580 0 75	5.48203 -	2023	0.9500	0.00538	8610 F	386098	0 012783 8 9	202928 0 .3196489)
08-24						0.0261704							202320 0. 3130408	,
2023- 08-25	177.380	0 0 79.15	0 0 75.82	20 0 78.610	0 5 144960 0 77	7.700680126431	2023	0.9500	0.00533	1890.5	5318851	0.012783 8 .5	202928 0 .3196489)
2023-	180.090	0080.59	0 0 78.55	50 0 80.190	0 43 82070 0 79	0.272640088461	2023	0.9500	0.00527	7220.5	5272213	0.0127838.	202928 0 .3196489)
08-28 2023-	179 700) 0 84 90	0 0 79 50	00084 120) 6 300390 0 83	3.182 63 0218103	2023	0.9500	0.0051	5970 F	5159679	0.012783 8 °	202928 0 .3196489)
08-29														
2023- 08-30	184.940	0087.85	0 0 84.74	40 0 87.650	0 6 081390 0 86	5.6946 7 .0191723	2023	0.9500	0.00506	6260.5	5062617	0.012783 8 .5	202928 0 .3196489)
2023-	187.840	0089.12	0087.48	80 0 87.870	0 6 079450 0 86	6.9135040011724	2023	0.9500	0.00508	5670.5	5056688	0.012783 3 .	202928 0 .3196489)
08-31 2023-	189.490	0089.92	0088 28	80 0 89 460) 45732600 88	3.495 47 .0084634	2023	0.9500	0.0050	1430 F	5014251	0.012783 B °	202928 0 .3196489)
09-01														
2023- 09-05	188.280	0089.98	0 0 87.61	10 0 89.700	0 4 528000 0 88	3.734 21 .0012667	2023	0.9500	0.00500	0790.5	5007907	0.012783 8 .5	202928 0 .3196489)
2023-	188.400	0088.85	0 0 81.47	70 0 82.910	0 8 175580 0 81			0.9500	0.00519	9380.5	5193811	0.012783 8 .3	202928 0 .3196489)
09-06 2023-	175 180	0 0 78 91	0 0 73 54	10 0 77 560	0124888076	0.0357933 6.65604 -		0.9500	0.0053	5030 F	535030 <i>4</i>	. 0.012783 8 °	202928 0 .3196489)
09-07	1,0.100	J. G. 1 U. 2 I	J. 10.05	.5411.000	, 4 1 2 1000 4 ()	0.0292494		5.5500	0.0000		,550004	. 0.0121000.		•

Dates	Open	High	Low	Close	Volume Ad	justedlaily.retu	r yse ar	Divide	n d iv_yielo	liv_yield_	perad <u>n</u> tægerne	latilityvolatility_	_avg
2023-	178.35	0080.24	0077.79	0078.180	6 555130 0 77	7.2728060034917	2023	0.9500	0.005331	70.533168	7 0.012783 8 .	202928 0 .3196489)
09-08 2023-	180.07	0 0 80.30	0 0 77.34	.0 0 79.360	0 6 895310 0 78	8.446 87 .0066226	2023	0.9500	0.005296	60.5296610	0.012783 3 .	202928 0 .3196489)
09-11													
2023- 09-12	179.49	0 0 80.13	0 0 74.82	20 0 76.300	0 9 037020 0 75	5.40244 - 0.0170606		0.9500	0.005388	50.5388542	2 0.012783 3 .	202928 0 .3196489)
2023-	176.51	0 0 77.30	0073.98	0074.210	8 426790 0 73			0.9500	0.0054533	20.5453188	8 0.012783 3 .	202928 0 .3196489)
09-13 2023-	174.00	0 0.7 6 10	0472 50	00075 740	rangarona 7	0.0118548 1.845320087825		0.0500	0.005405	70 5405719	0 0197020	202022 0 2106420	`
2023- 09-14	174.00	J u 70.10	0473.38	0 U 15.140	74 DOUS998UU	1.849 3Z 0087829	2023	0.9500	0.005405	(0.540571,	0.012783 0 .	202928 0 .3196489	,
2023-	176.48	0 0 76.50	0073.82	0 0 75.010	0 0 092051 07 4			0.9500	0.0054283	30.542826	0.012783 3 .	202928 0 .3196489)
09-15 2023-	176.48	0 0 79.38	0076.17	'0 0 77.970	0 6 725760 0 77	0.0041539 7.0639 5 0169134		0.9500	0.0053380	00.5337978	8 0.012783 3 .	202928 0 .3196489)
09-18													
2023- 09-19	177.52	0 0 79.63	0 0 77.13	60 0 79.070	0 6 182690 0 78	8.158360061809	2023	0.9500	0.0053053	20.5305188	8 0.012783 9 .	202928 0 .3196489)
2023-	179.26	0 0 79.70	0 0 75.40	0075.490	6 843620 0 74	4.59657 -	2023	0.9500	0.005413	40.5413414	4 0.012783 3 .	202928 0 .3196489)
09-20 2023-	174 55	0 0.7 6.20	0 0 72 86	:0 0.7 2 020	0 6 304790 0 73	0.0199922 3.04451 -		0.0500	0.0054620	00 5461069	2 0.0127820	202928 0 .3196489	,
09-21	174.00	J u 10.30	0413.00	00173.330	J U 304190 U 1.	0.0088895		0.9500	0.0054020	0.0401900	5 0.012763 0 .	202928 0. 3190488	,
2023- 09-22	174.67	0 0 77.08	0 0 74.05	0074.790	0 6 672540 0 73	3.900 13 0049445	2023	0.9500	0.005435	10.5435094	4 0.012783 3 .	202928 0 .3196489)
09- <i>22</i> 2023-	174.20	0 0 76.97	0074.15	0076.080	04617270075	5.1835060073803	2023	0.9500	0.005395	30.539527	5 0.012783 3 .	202928 0 .3196489)
09-25	151.00	0 0 55 00	0851 00	0851 000)@4F00008F		2022	0.0500	0.005504	-00 4- 44	0.0105000	2020202 210440	
2023- 09-26	174.82	U U 75.20	0 0 71.66	0 0 71.960) 6 458890 0 71	1.08453 - 0.0233984		0.9500	0.005524	00.5524540	0.012783 5 .	202928 0 .3196489)
2023-	172.62	0 0 73.04	0 0 69.05	0070.430	0 6 692180 0 69	9.56233 -	2023	0.9500	0.005574	10.5574136	6 0.012783 3 .	202928 0 .3196489)
09-27 2023-	169 34	0 07 2 03	0067 62	20 07 0 690	6 629440 0 69	$0.0088975 \ 0.821010015256$		0.9500	0.0055656	30 556564!	5 0.012783 B	202928 0 .3196489)
09-28												2020200.0100100	,
2023- 09-29	172.02	0 0 73.07	0070.34	.0071.210) 5 181420 0 7(0.3383\$0030465	2023	0.9500	0.005548	70.554874	1 0.012783 3 .	202928 0 .3196489)
2023-	171.22	0 0 74.30	0 0 70.93	0 0 73.750	6 216450 0 72	2.865 42 0148355	2023	0.9500	0.005467	60.5467626	6 0.012783 9 .	202928 0 .3196489)
10-02 2023-	179 96	በ ሰ 72 62	00.70 89	00 0.7 9 400	0 4 959460 0 71	1 50021	2023	0.0500	0.0055104	10 551044	L 0.012782 0	202928 0 .3196489	,
10-03	172.20	Ju 13.03	0010.02	0 u 12.400	1490940001	0.0077698		0.9500	0.005510	10.001044	1 0.012763 0 .	202928 0 .3190488	,
2023-	171.09	0 0 74.21	0 0 70.97	0073.660	0 5 302030 0 72	2.775899.0073086	2023	0.9500	0.005470	50.5470459	0.012783 3 .	202928 0 .3196489)
10-04 2023-	173.79	0 0 75.45	0072.68	30 0 74.910	0 4 852790 0 74	4.019 53 0071980	2023	0.9500	0.0054314	40.543136	5 0.012783 3 .	202928 0 .3196489)
10-05	150.00	00.00	0850 10	0855 400)#F00.41.08F	3 500 600 01 15505	2020	0.0500	0.005050	10 505011		2020202 210440	
2023- 10-06	173.80	J u 77.99	0073.18	30 u 77.490) 5 722410 0 76	6.586 40 00147505	2023	0.9500	0.0053524	10.5352414	1 0.012783 9 .	202928 0 .3196489)
2023-	176.81	0 0 79.05	0 0 75.80	00178.990	0 4 239080 0 78	3.078 77 .0084512	2023	0.9500	0.005307	60.5307559	0.012783 3 .	202928 0 .3196489)
10-09 2023-	178.10	0079.72	0077.95	50 0 78.390	04369800 0 77	7.48181 -	2023	0.9500	0.0053254	40.532541	1 0.012783 3 .	202928 0 .3196489)
10-10						0.0033522	}						
2023- 10-11	178.20	0 0 79.85	0 0 77.60	00179.800	0 4 755110 0 78	8.8846330079041	2023	0.9500	0.0052830	50.5283648	8 0.012783 8 .	202928 0 .3196489)
2023-	180.07	0082.34	0 0 79.04	0080.710	6 674310 0 79	9.789999.0050612	2023	0.9500	0.0052570	00.525704	0.012783 3 .	202928 0 .3196489)
10-12 2023-	191 49	n n 21 n2	00/78/14	0 0 79 950	6 142710 0 77	7 02045	2023	0.0500	0.005311	70 591171	1 0.0127820	202928 0 .3196489	,
2025- 10-13	101.42	ouo1.30	04/0.14	:00.00l) 9 144/110 U /1	0.0102927		0.3900	0.009311	10.0011111	± 0.014109 0 .	40 <i>474</i> 0 0. J170408	,
2023-	176.75	0 07 9.08	0 0 76.51	0078.720	6 251700 0 77			0.9500	0.0053150	60.531557	7 0.012783 3 .	202928 0 .3196489)
10-16 2023-	176.65	0078.42	0074.80	0077.150	6 754940 0 76	0.0007269 6.24811 -		0.9500	0.005362	70.536268	7 0.012783 3 .	202928 0 .3196489)
10-17	185 50	04555	0055 11	0055 0 11	NR 450 1105=	0.0087847		0.0500	0.005.100	30 F 40000			
2023- 10-18	175.58	J u 77.58	U U 75.11	.U U 75.84(0 5 476440 0 74	1.94478 - 0.0073948		0.9500	0.0054020	00.5402639	9 0.012783 8 .	202928 0 .3196489)
2023-	176.04	0077.84	0 0 75.19	0075.460	6 930290 0 74	1.56674 -	2023	0.9500	0.0054143	30.5414339	0.012783 8 .	202928 0 .3196489)
10-19						0.0021610)						

Dates	Open High	Low C	Close V	Volume Adi	ustedaily.retu	rmear	Divide	n d iv yiel d iv yield p	
2023-	175.310075.420				•			0.00549510.5495141	0.012783 3 .202928 0 .3196489
10-20 2023-	170.910 0 74.010	0 0 69.930 0	73.000€	3 598010 0 72	0.0147042 $.119250006941$		0.9500	0.00549130.5491329	0.012783 3 .202928 0 .3196489
10-23 2023-	173.050 0 73.670	0071.4500	73.4400	1381660 0 72	.55701.0025434	2023	0.9500	0.00547740.5477398	0.012783 9 .202928 0 .3196489
10-24 2023-								0.00555230.5552308	0.012783 3 .202928 0 .3196489
10-25					0.0134917				
2023- 10-26	170.370 0 71.380	0 0 65.670 0	66.8900	/062530 0 66	.04036 - 0.0246055		0.9500	0.00569240.5692372	0.012783 8 .202928 0 .3196489
2023- 10-27	166.910 0 68.960	0 0 66.830 0	68.220€	5 849910 0 67	.3635920079693	2023	0.9500	0.00564740.5647367	0.012783 0 .202928 0 .3196489
2023- 10-30	169.020 0 71.170	0068.8700	70.290€	3 113100 0 69	.423030123053	2023	0.9500	0.00557870.5578719	$0.012783 \\ \pmb{\vartheta}.202928 \\ \pmb{0}.3196489$
2023-	169.350 0 70.900	0 0 67.900 0	70.7706	1 484600 0 69	.9006220028188	2023	0.9500	0.00556300.5563038	$0.012783 \\ 9.202928 \\ 0.3196489$
10-31 2023-	171.000 0 74.230	0070.1200	73.970€	5 693490 0 73	.0843220187386	2023	0.9500	0.00546070.5460712	0.012783 3 .202928 0 .3196489
11-01 2023-	175.520 0 77.780	0075.4600	77.5700	7 733480 0 76	.665990206933	2023	0.9500	0.00535000.5350003	0.012783 3 .202928 0 .3196489
11-02 2023-	174.240 0 76.820	0 0 73.350 0	76.650 0	7 976370 0 75	.75067 -	2023	0.9500	0.00537790.5377866	0.012783 3 .202928 0 .3196489
11-03 2023-	176.380079.430	0076.2100	79.2306	3 384130 0 78	0.0051811 $.317540146052$		0.9500	0.00530050.5300452	0.012783 8 .202928 0 .3196489
11-06 2023-								0.00522490.5224948	0.012783 3 .202928 0 .3196489
11-07									
2023- 11-08								0.00519440.5194379	0.012783 9 .202928 0 .3196489
2023- 11-09	182.960 0 84.120	0081.8100	82.410 €	3 376350 0 81	.48134 - 0.0026245		0.9500	0.00520800.5208048	0.012783 8 .202928 0 .3196489
2023- 11-10	183.970086.570	0083.5300	86.4006	3 613340 0 85	.6953060218737	2023	0.9500	0.00509660.5096567	0.012783 8 .202928 0 .3196489
2023- 11-13	185.820 0 86.030	0084.2100	84.8006	1362750 0 84	.10139 - 0.0085836		0.9500	0.00514070.5140693	$0.012783 \\ 0.202928 \\ 0.3196489$
2023- 11-14	187.700088.110	0086.3000	87.4400	3 010840 0 86			0.9500	0.00506830.5068288	$0.012783 \\ 9.202928 \\ 0.3196489$
2023-	187.850089.500	0087.7800	88.010 €	3 379050 0 87	.29927.0030409	2023	0.9500	0.00505290.5052923	0.012783 3 .202928 0 .3196489
11-15 2023-	189.570090.960	0088.6500	89.710 €	3 441290 0 88	.992840090421	2023	0.9500	0.00500760.5007643	0.012783 3 .202928 0 .3196489
11-16 2023-	190.250 0 90.380	0088.5700	89.690 6	3 092270 0 88	.97290 -	2023	0.9500	0.00500820.5008171	0.012783 8 .202928 0 .3196489
11-17 2023-	189.890 0 91.910	0089.8800	91.4506	4650510 0 90	0.0001054 .726260092783		0.9500	0.00496210.4962131	0.012783 9 .202928 0 .3196489
11-20 2023-								0.00498320.4983214	0.012783 9 .202928 0 .3196489
11-21					0.0042309				
2023- 11-22								0.00496580.4965762	0.012783 9 .202928 0 .3196489
2023- 11-24	190.870 0 90.900	0089.2500	89.970 0	2 404830 0 89	.25185 - 0.0070043		0.9500	0.00500080.5000790	0.012783 8 .202928 0 .3196489
2023- 11-27	189.920090.670	0088.9000	89.7906	4055260 0 89	.07253 - 0.0009476		0.9500	0.00500550.5005533	0.012783 8 .202928 0 .3196489
2023- 11-28	189.780 0 91.080	0 89.400 0	90.4000	3 841540 0 89			0.9500	0.00498950.4989496	$0.012783 \\ 0.202928 \\ 0.3196489$
2023-	190.900 0 92.090	0188.9701	89.3700	1 301420 0 88			0.9500	0.00501660.5016634	$0.012783 \\ \pmb{9}.202928 \\ \pmb{0}.3196489$
11-29 2023-	189.840 0 90.320	0088.1900	89.9506	1879440 0 89	0.0054097 .2319 3 0030628		0.9500	0.00500130.5001316	0.012783 8 .202928 0 .3196489
11-30 2023-	190.330091.560	0189.2301	91.2400	1 567930 0 90	.5170060067913	2023	0.9500	0.00496760.4967580	0.012783 3 .202928 0 .3196489
12-01									

Dates	Open High Low Close Volume Adjustedlaily.returwear Dividendiv_yieldiv_yield_p	eraden trager no latility volatility av
2023-	189.980 0 90.050 0 87.450 0 89.430 0 338950 0 88.71388 - 2023 0.9500 0.00501500.5015045	
12-04	0.0094646	
2023-	190.210 0 94.400 0 90.180 0 93.420 6 662840 0 92.688 8 1.0210632 2023 0.9500 0.00491160.4911591	0.012783 9 . 202928 0 . 3196489
12-05		
2023-	194.450 0 94.760 0 92.110 0 92.320 0 108970 0 91.59297 - 2023 0.9500 0.00493970.4939684	0.012783 3 0.202928 0 0.3196489
12-06	0.0056871	
2023-	$193.630 \\ 095.000 \\ 093.590 \\ 094.270 \\ 0747770 \\ 093.535 \\ 00101393 \\ 2023 \\ 0.9500 \\ 0.00489010.4890101 \\ 0.00489010.48901001 \\ 0.00489010.48901001 \\ 0.00489010.48901001 \\ 0.00489010.4890100000000000000000000000000000000000$	$0.012783 \\ 30.202928 \\ 0.3196489$
12-07		
2023-	$194.200 \\ 095.990 \\ 093.670 \\ 095.710 \\ 0337730 \\ 094.970 \\ 050074124 \\ 2023 \\ 0.9500 \\ 0.00485410.4854121 \\ 0.00485410.485412 \\ 0.00485410.485410.485412 \\ 0.00485410.485410.485410 \\ 0.00485410.485410.485410 \\ 0.00485410.485410.485410 \\ 0.0$	$0.012783 \\ \mathbf{\hat{9}}.202928 \\ \mathbf{\hat{0}}.3196489$
12-08		
2023-	$193.110 \\ 093.490 \\ 091.420 \\ 093.180 \\ 6094370 \\ 092.44971 \\ $	$0.012783 \\ 3.202928 \\ 0.3196489$
12-11	0.0129274	
2023-	$193.080 \\ 094.720 \\ 091.720 \\ 094.710 \\ 0269690 \\ 093.973 \\ 050079201 \\ 2023 \\ 0.9500 \\ 0.00487910.4879051$	0.012783 3 0.202928 0 0.3196489
12 - 12		
2023-	$195.090098.000094.850097.9607040420097.21167.0166915\ 2023\ 0.9500\ 0.00479890.4798949$	0.012783 8 . 202928 0 . 3196489
12-13		
2023-	$198.020 0 99.620 0 96.160 0 98.110 0 683160 0 97.361 0 8 0007577\ 2023\ 0.9500\ 0.00479530.4795316$	0.012783 3 0.202928 0 0.3196489
12-14		
2023-	197.530 0 98.400 0 97.000 0 97.570 0 282567 09 6.82312 - 2023 0.9500 0.00480840.4808422	0.012783 8 . 202928 0 . 3196489
12-15	0.0027257	
2023-	196.090 0 96.630 0 94.390 0 95.890 0 575190 0 95.14948 - 2023 0.9500 0.00484970.4849661	0.012783 9 . 202928 0 . 3196489
12-18	0.0085034	
2023-	$196.160 0 96.950 0 95.890 0 96.940 0 071410 0 96.195 51.0053602\ 2023\ 0.9500\ 0.00482380.4823804$	0.012783 9 . 202928 0 . 3196489
12-19	100 00000 0000 1 00000 1 00000 100000 100000 100000 100000 100000 100000	0.010=000.000000.0100400
2023-	196.900 0 97.680 0 94.830 0 94.830 0 224280 0 94.09349 - 2023 0.9500 0.00487600.4876046	0.012783 9 . 202928 0 . 3196489
12-20	0.0107139	0.0107090.000000.0106400
2023-	196.100 0 97.080 0 93.500 0 94.680 0 648250 0 93.94403 - 2023 0.9500 0.00487980.4879803	0.012783 9 . 202928 0 . 3196489
12-21 2023-	0.0007699	0.0197098.9090908.2106400
2023- 12-22	195.180 0 95.410 0 92.970 0 93.600 3 712280 0 92.86813 - 2023 0.9500 0.00490700.4907025 0.0055475	0.012783 8 .202928 0 .3196489
2023-	193.610 0 93.890 0 92.830 0 93.050 2 891930 0 92.32022 - 2023 0.9500 0.00492100.4921005	0.012783 8 .202928 0 .3196489
2025- 12-26	0.0028409	0.012783 0 .202928 0 .3190489
2023-	0.0028409 192.490 0 93.500 0 91.090 0 93.150 4 808770 0 92.4198 3 0005180 2023 0.9500 0.00491850.4918457	0.012783 8 .202928 0 .3196489
2025- 12-27	132.430433.3000431.030433.1304000770432.4130300003100 2023 0.3300 0.00491030.4910437	0.012103 0 .202920 0 .3190409
2023-	194.140 0 94.660 0 93.170 0 93.580 3 404990 0 92.848 22 0022263 2023 0.9500 0.00490750.4907532	0.012783 8 .202928 0 .3196489
2025- 12-28	134.140434.000433.170433.3000404330432.040420022203 2023 0.3300 0.00490730.4907332	0.012103 0 .202920 0 .3190409
2023-	193.900 0 94.400 0 91.730 0 92.530 0 262880 0 91.80219 - 2023 0.9500 0.00493430.4934296	0.012783 8 .202928 0 .3196489
12-29	0.0054241	0.012109 0 .202320 0 .3130403
14-49	0.0034241	

stock_identity

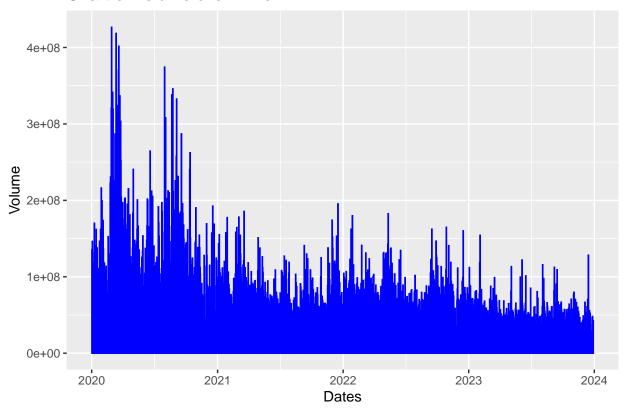
```
## $Ticker
## [1] "AAPL"
##
## $Start_Date
## [1] "2020-01-01"
##
## $End_Date
## [1] "2024-01-01"
##
## $div_yield_percentage
## [1] 0.4934296
```

Volume

```
stock_df %>%
ggplot() +
```

```
geom_col(aes(x = Dates, y = Volume), color = 'blue') +
theme_grey() +
ggtitle('Chart of Volume over Time')
```

Chart of Volume over Time



Stock Price

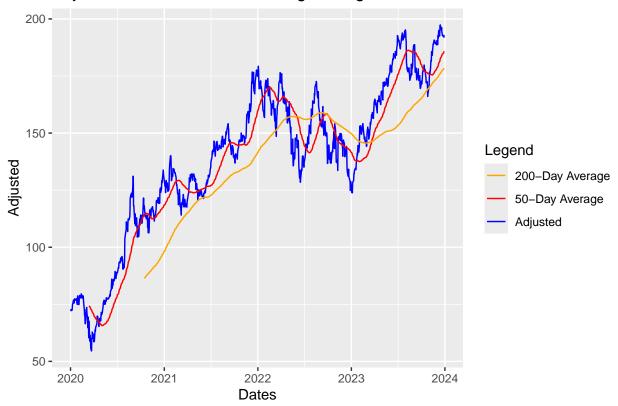
with Moving Average

```
stock_df$ma_50 <- SMA(stock_df$Adjusted, n=50)
stock_df$ma_200 <- SMA(stock_df$Adjusted, n=200)

colors <- c("Adjusted" = "blue", "50-Day Average" = "red", "200-Day Average" = "orange")

stock_df %>%
    ggplot(aes(x = Dates)) +
    geom_line(aes(y = Adjusted, color = "Adjusted")) +
    geom_line(aes(y = ma_50, color = "50-Day Average")) +
    geom_line(aes(y = ma_200, color = "200-Day Average")) +
    labs(
        color = "Legend"
    ) +
    scale_color_manual(values = colors) +
    ggtitle("Adjusted Stock Price and Moving Averages over Time")
```

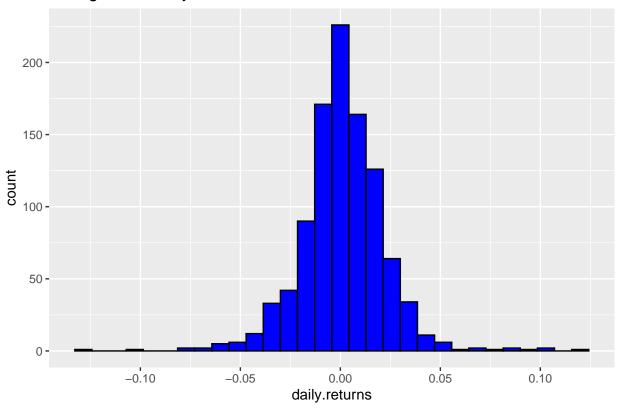
Adjusted Stock Price and Moving Averages over Time



Daily Returns

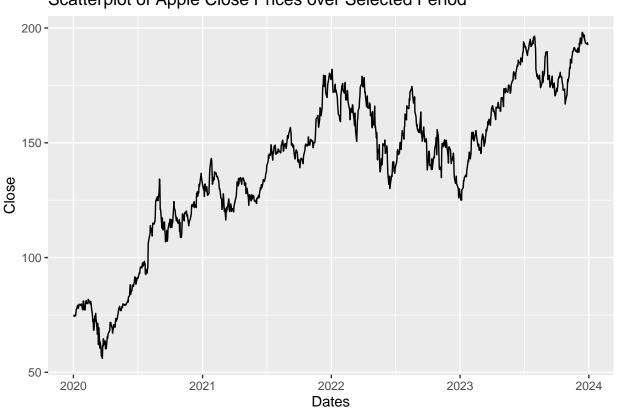
```
stock_df %>%
ggplot() +
geom_histogram(aes(x = daily.returns), color = 'black', fill = 'blue') +
theme_grey() +
ggtitle('Histogram of Daily Returns over Selected Period')
```

Histogram of Daily Returns over Selected Period



```
stock_df %>%
  ggplot() +
  geom_line(aes(x = Dates, y = Close)) +
  theme_grey() +
  ggtitle('Scatterplot of Apple Close Prices over Selected Period')
```

Scatterplot of Apple Close Prices over Selected Period



Saving Datasets

```
#stock_identity <- data.frame(stock_identity)
#wd <- getwd()

#stock_df_filename <- pasteO(wd, "/stock_df.csv")
#write.csv(stock_df, stock_df_filename, row.names = F)

#stock_identity_filename <- pasteO(wd, "/stock_identity.csv")
#write.csv(stock_identity, stock_identity_filename, row.names = F)</pre>
```

```
#wd <- getwd()
#print(wd)</pre>
```