In [1]:
```
import pandas as pd
import matplotlib.pyplot as plt
```

In [2]:
```
df = pd.read_csv('polarity_monkeypox.csv')
df
```

...

In [3]:
```
df['Date'] = pd.to_datetime(df['Date'])
df['New_Date'] = df['Date'].dt.date
```

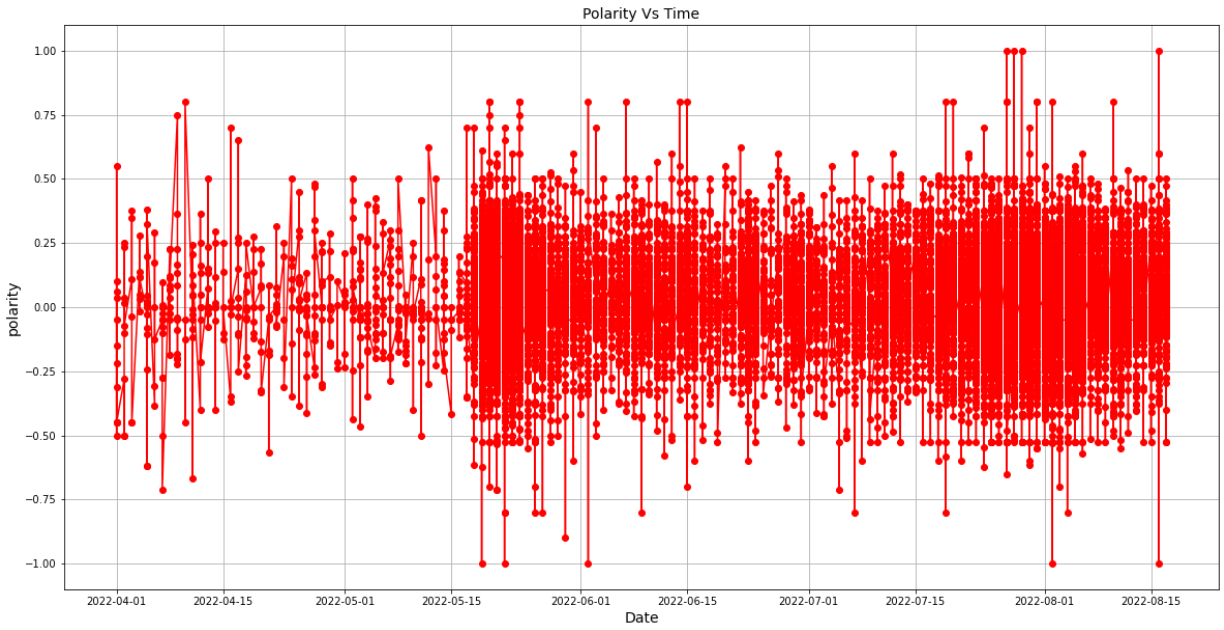
In [4]:
```
df
```

Out[4]:

	Unnamed: 0	Date	Username	Location	Verified	Hashtag	Tw
0	0	2022-08-17 23:57:12+00:00	darkcobrabws	NaN	False	NaN	@eastcoastHum @GovCanHea You guys are ob
1	1	2022-08-17 23:46:13+00:00	CMANN66	Winnipeg	False	NaN	@MBGov need 10 compliance on Monkey
2	2	2022-08-17 23:31:58+00:00	1215Deb	Virginia, USA	False	NaN	@ajwhitewolf S friend, who is g and is
3	3	2022-08-17 23:27:07+00:00	marlborhoe666	NWI	False	NaN	Anyone else ha insane anxi about monkey
4	4	2022-08-17 23:27:01+00:00	RatherBeGulfing	Bunnyville Station	False	NaN	Where I live n the monkey p vaccine is o
...	...	...	...	...	...	...	
33764	33764	2022-04-01 12:59:45+00:00	FrunksChristine	NaN	False	NaN	Reliance Monkeys COVID19 Vacc Expe
33765	33765	2022-04-01 12:33:52+00:00	monkey_leader	La Canada Flintridge, CA	False	NaN	Fauci should prepared to ha no one liste
33766	33766	2022-04-01 12:27:07+00:00	PooBouy	Antarctica	False	NaN	@_lil_woo Does this me you don't supp
33767	33767	2022-04-01 05:14:17+00:00	JHolden77262914	Mars Congressional Republic	False	NaN	@Njv251Nj @kymburle @thehill Even if
33768	33768	2022-04-01 04:32:31+00:00	AlanSubie4Life	San Diego, CA	False	NaN	@g6e @deeptabhatta @msdiamondla don'

33769 rows × 14 columns

In [5]:
```
plt.figure(figsize=(20,10))
plt.plot(df['New_Date'], df['polarity'], color='red', marker='o')
plt.title('Polarity Vs Time', fontsize=14)
plt.xlabel('Date', fontsize=14)
plt.ylabel('polarity', fontsize=14)
plt.grid(True)
plt.show()
```



In [ ]: