Toppa-Proj

Jianpeng Mai

2/20/2022

**Technology**

meta = **read.csv**("C:\\Users\\winst\\Downloads\\FB.csv")

meta = **select**(meta, Date, Close)

meta**$**Date = **as.Date**(meta**$**Date, origin = "2021-02-22")

**ggplot**(meta, **aes**(x = Date, y = Close)) **+ geom\_line**(color="black") **+ geom\_vline**(xintercept = **as.Date**("20350

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Apr 2021 Jul 2021 Oct 2021 Jan 2022 Date

https://seekingalpha.com/news/3740560-facebook-slow-played-employee-flags-over-illegal-usage-wsj Green line: FB changed its name to meta.

https://seekingalpha.com/news/3794387-metafacebook-q4-preview-what-to-expect Q4 report missing expectation

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microsoft = **read.csv**("C:\\Users\\winst\\Downloads\\MSFT.csv")

microsoft = **select**(microsoft, Date, Close)

microsoft**$**Date = **as.Date**(microsoft**$**Date, origin = "2021-02-22")

**ggplot**(microsoft, **aes**(x = Date, y = Close)) **+ geom\_line**(color="black") **+ geom\_vline**(xintercept = **as.Da**

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Apr 2021 Jul 2021 Oct 2021 Jan 2022

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https://seekingalpha.com/news/3758440-microsoft-eps-beats-0\_19-beats-on-revenue

https://seekingalpha.com/news/3782476-microsoft-wins-approval-from-eu-antitrust-regulators-over nuance-acquisition

Microsoft acquired Activision Blizzard on Jan. 28 2022

**Healthcare**

pfizer = **read.csv**("C:\\Users\\winst\\Downloads\\PFE.csv")

pfizer = **select**(pfizer, Date, Close)

pfizer**$**Date = **as.Date**(pfizer**$**Date, origin = "2020-02-20")

**ggplot**(pfizer, **aes**(x = Date, y = Close)) **+ geom\_line**(color="black") **+ geom\_vline**(xintercept = **as.Date**(2

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2020−07 2021−01 2021−07 2022−01 Date

On December 11, 2020, the FDA issued an Emergency Use Authorization (EUA) for the use of the Pfizer BioNTech COVID-19 Vaccine.

https://seekingalpha.com/news/3778301-pfizer-to-submit-full-data-on-covid-pill-paxlovid-shortly-ceo bourla-says-cnbc

https://seekingalpha.com/news/3765995-pfizer-shares-rise-11-on-interim-results-from-covid-19-oral antiviral-treatment-study

moderna = **read.csv**("C:\\Users\\winst\\Downloads\\MRNA.csv")

moderna = **select**(moderna, Date, Close)

moderna**$**Date = **as.Date**(moderna**$**Date, origin = "2020-02-20")

**ggplot**(moderna, **aes**(x = Date, y = Close)) **+ geom\_line**(color="black") **+ geom\_vline**(xintercept = **as.Date**3

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2020−07 2021−01 2021−07 2022−01 Date

On December 18, 2020, the FDA issued an EUA for the use of the Moderna COVID-19 Vaccine.

https://seekingalpha.com/news/3714154-taiwan-getting-additional-10m-biontech-vaccine-doses-through tech-companies

https://seekingalpha.com/news/3714324-moderna-inks-supply-agreement-with-argentina-for-20m-doses of-its-covid-19-vaccine

**New Energy**

NextEra = **read.csv**("C:\\Users\\winst\\Downloads\\NEE.csv")

NextEra = **select**(NextEra, Date, Close)

NextEra**$**Date = **as.Date**(NextEra**$**Date, origin = "2020-02-20")

**ggplot**(NextEra, **aes**(x = Date, y = Close)) **+ geom\_line**(color="black") **+ geom\_vline**(xintercept = **as.Date**4

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Apr 2021 Jul 2021 Oct 2021 Jan 2022 Date

https://seekingalpha.com/news/3791148-nextera-energy-non-gaap-eps-of-0\_41-beats-0\_01-revenue-of 5\_05b-misses-740m

https://seekingalpha.com/news/3791150-nextera-energy-names-ketchum-as-new-presidentceo

https://seekingalpha.com/news/3791474-nextera-energy-sinks-to-six-month-low-as-ceo-robo-surprises with-departure

Conclusion: There are some correlation between news and stock price but it is hard to analyze the news is going to be a short-term or long-term and positive or negative effects to the company, unless it is something simple like the quarter reports or annual reports. (Beating expection will be highly likely to rise and missing expection will fall).

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