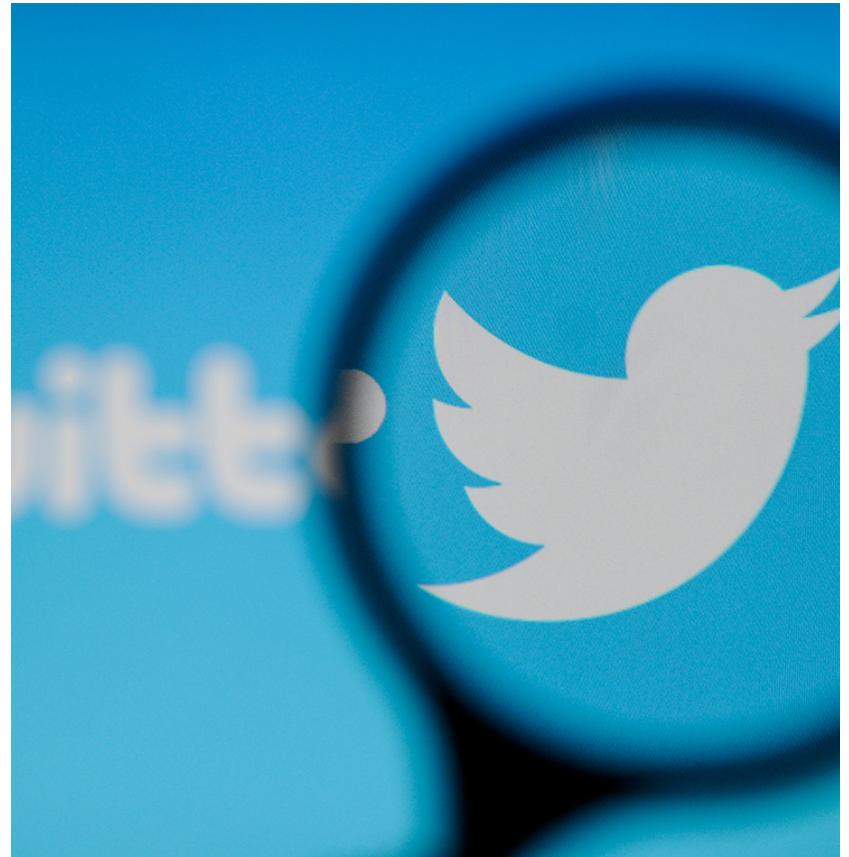


Analysis of Twitter Data

Problem Statement

- After a year-and-a-half long hiatus, many offices are opening. Most companies are asking that employees return on a hybrid basis, meaning they come into the office at least some of the time. But what exactly that will look like is uncertain.
- Hence, to understand people's view on whether they are comfortable with Work from home or want to come back to offices , I considered analyzing the worldwide twitter data.
- This project aims to study #workfromhome and #remotework related tweets to find out the opinions expressed by people..



Data

- The data was collected by reading through Twitter API on from July 11,2021 to July 26,2021.
- Most recent and popular tweets from #workfromhome and #remotework were taken to conduct the analysis.
- Below features were extracted from twitter :
 1. Text of the tweet
 2. User location
 3. Date and Time the tweet was posted
 4. Unique Id of the tweets

Total Tweets	Number of tweets that had both hashtags	Actual Tweets	Number of Retweets
22054	17381	14483	7571

Most Retweeted Tweets

'RT @IanLJones98: A four-day week could change the #FutureofWork v/@wef #RemoteWork #HybridWork #AI #IoT #5G cc @DrJDrooghaag @FrRonconi @Ni...'

'RT @HaroldSinnott: What will the Future of #Jobs look like?\n\nvia @wef\n<https://t.co/H3d7u88IWn>\n#FutureofWork #HybridWork #DigitalTransforma...'

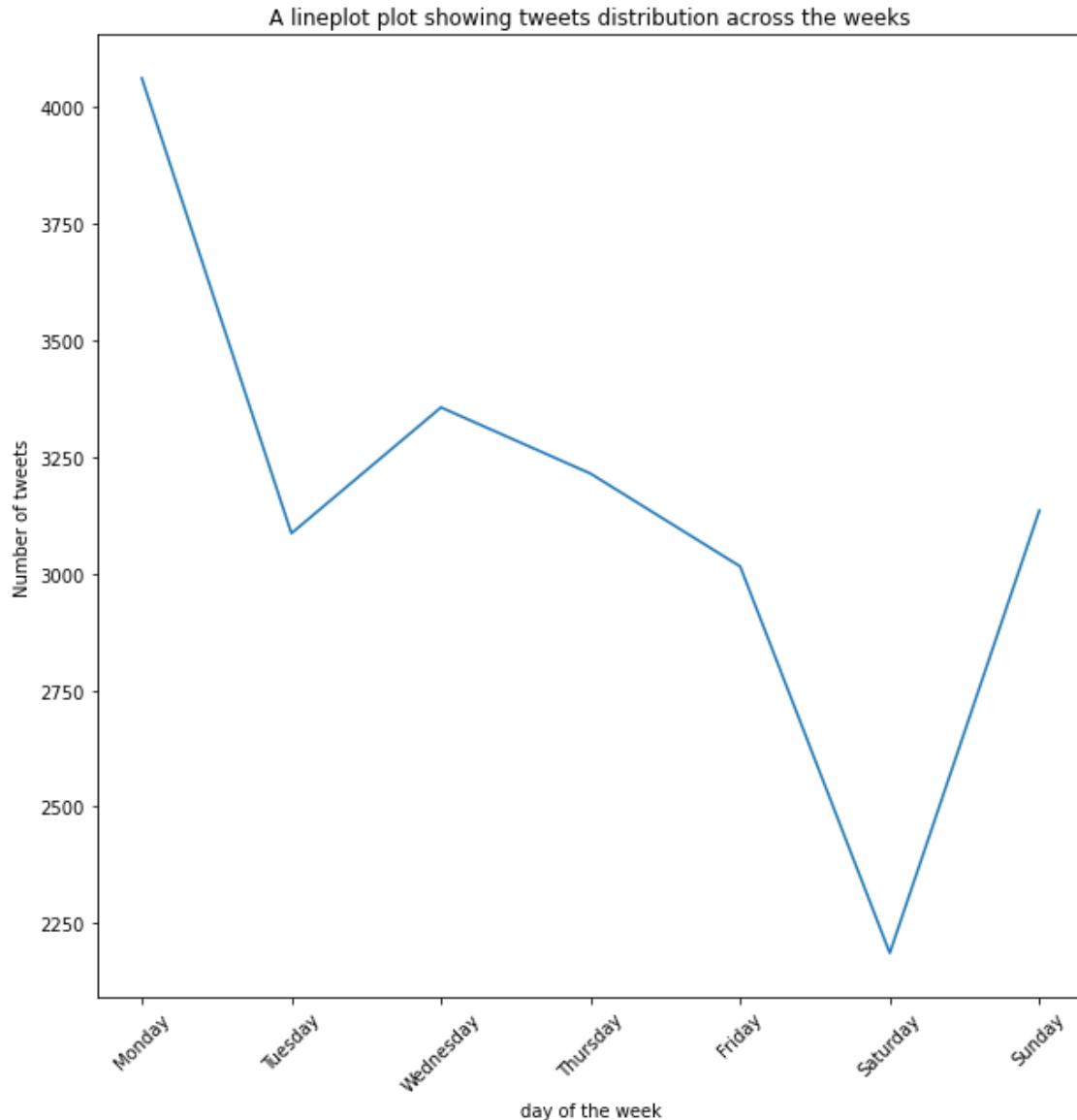
'RT @HathorNetwork: #Hiring - We are looking for a Head of #Design to join Hathor Network and Labs to guide the #creative department in-hous...'

'RT @kreminil: I am happy how the home office has become. This way I can be productive, while also just chill. Lots of screen to use."

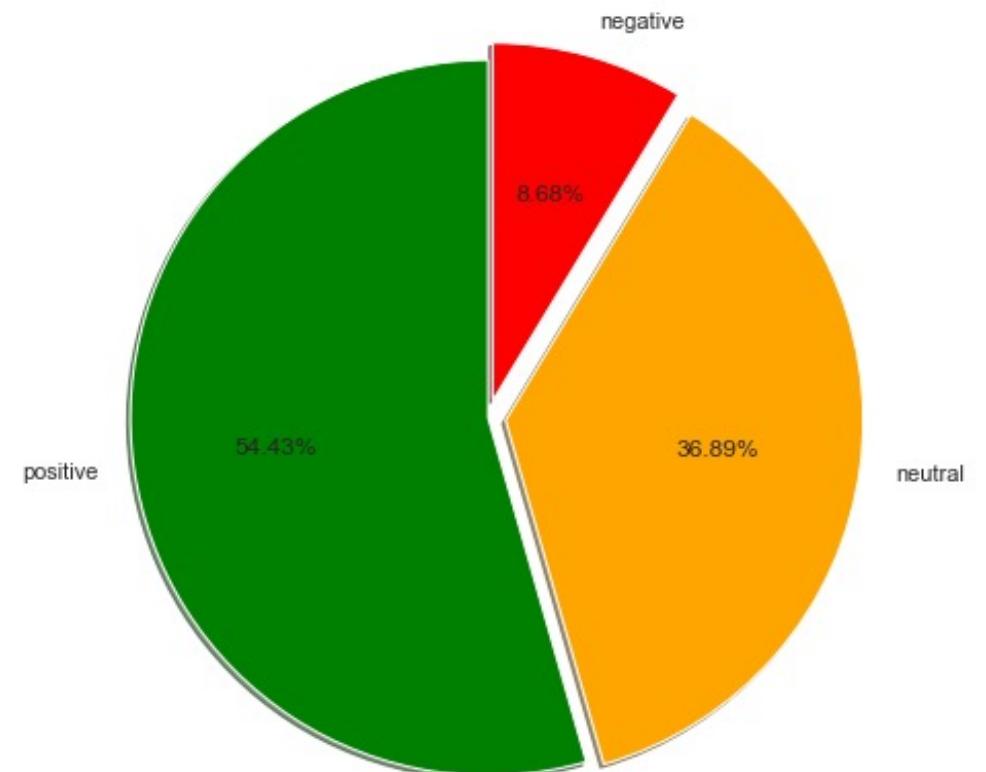
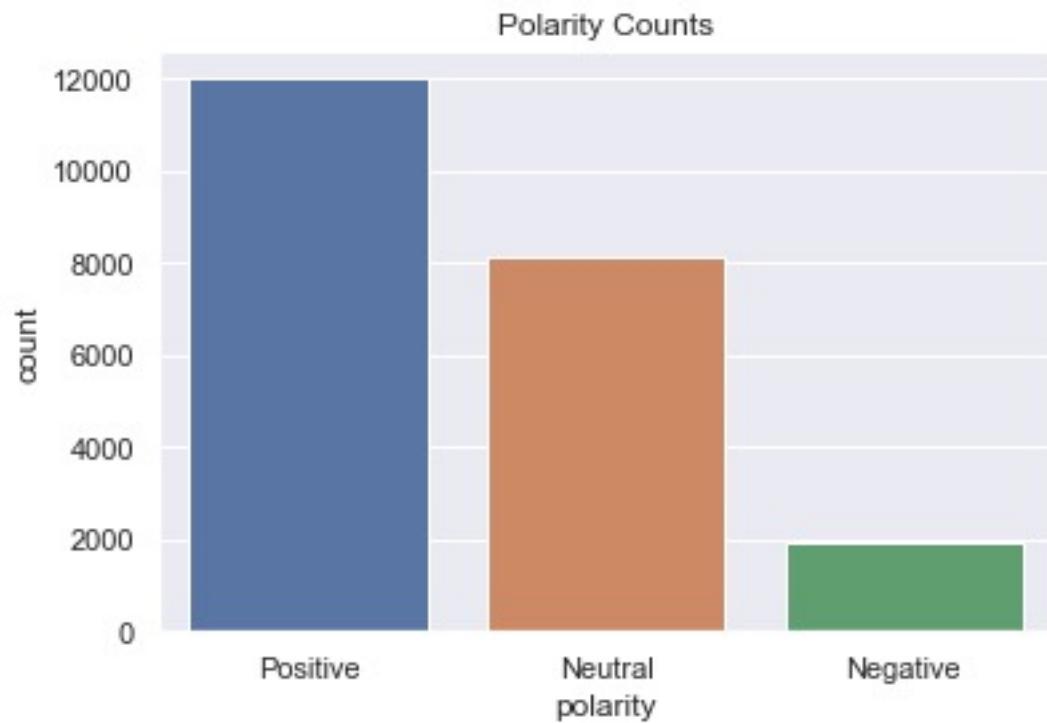
'RT @stratorob: Limiting our work and focusing is the only way we're gonna get to the point of doing high-quality work.\n\n#RemoteWork #Sunday...'

Tweets distribution on weekdays

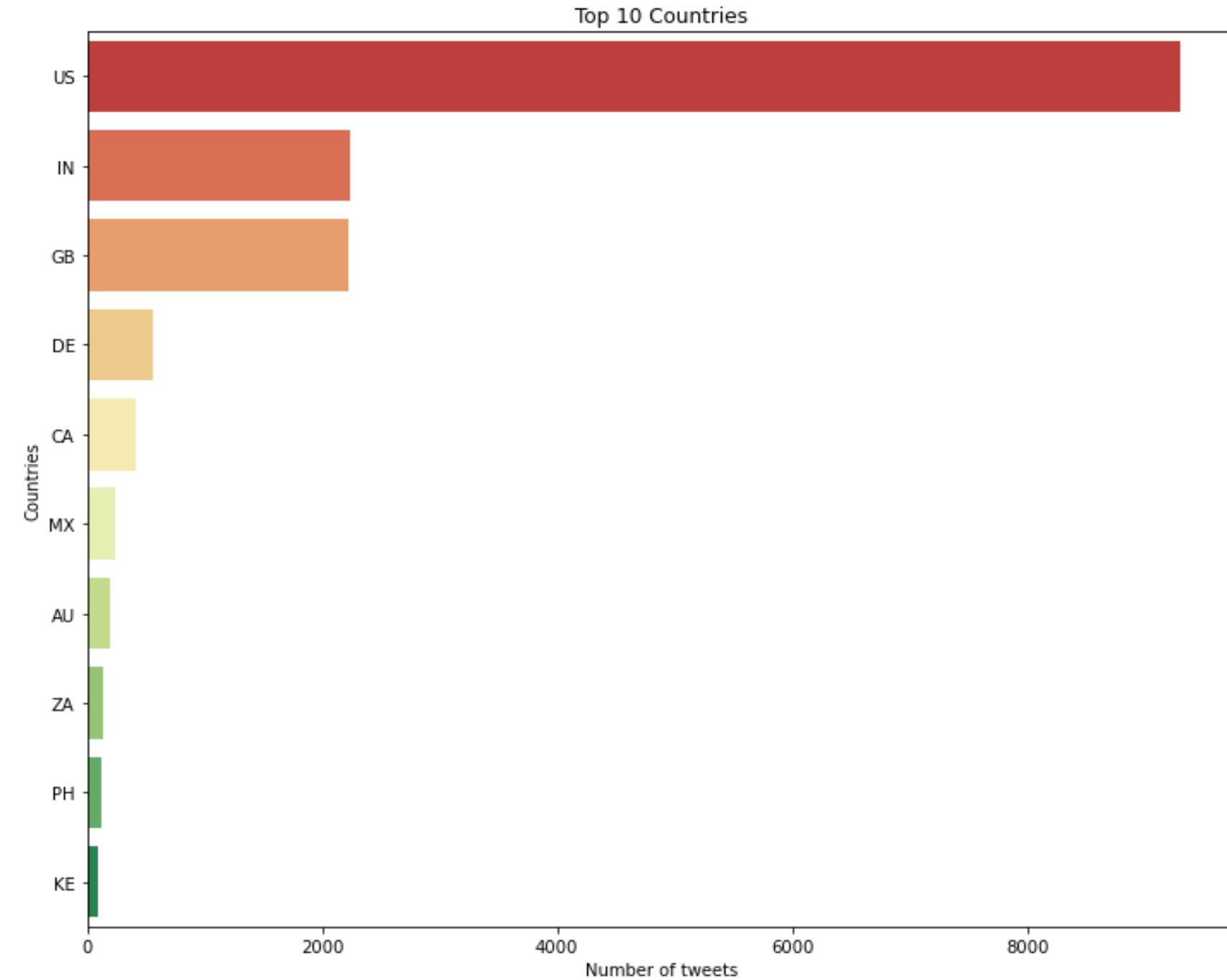
Lowest tweeting activity on Saturday, then the frequency increases slowly up to Monday where the max is recorded



Sentiment of tweets

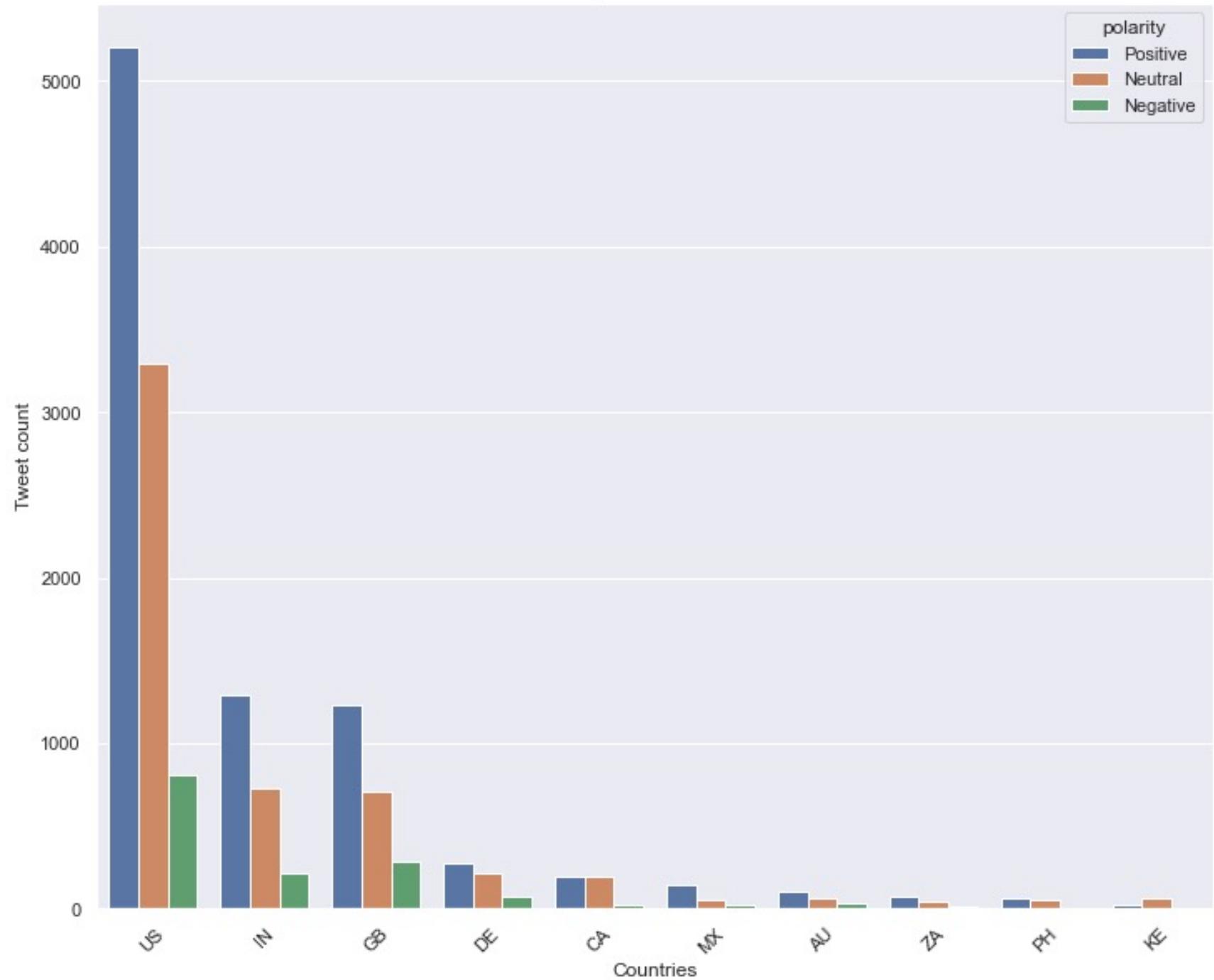


Most tweeted 10 countries



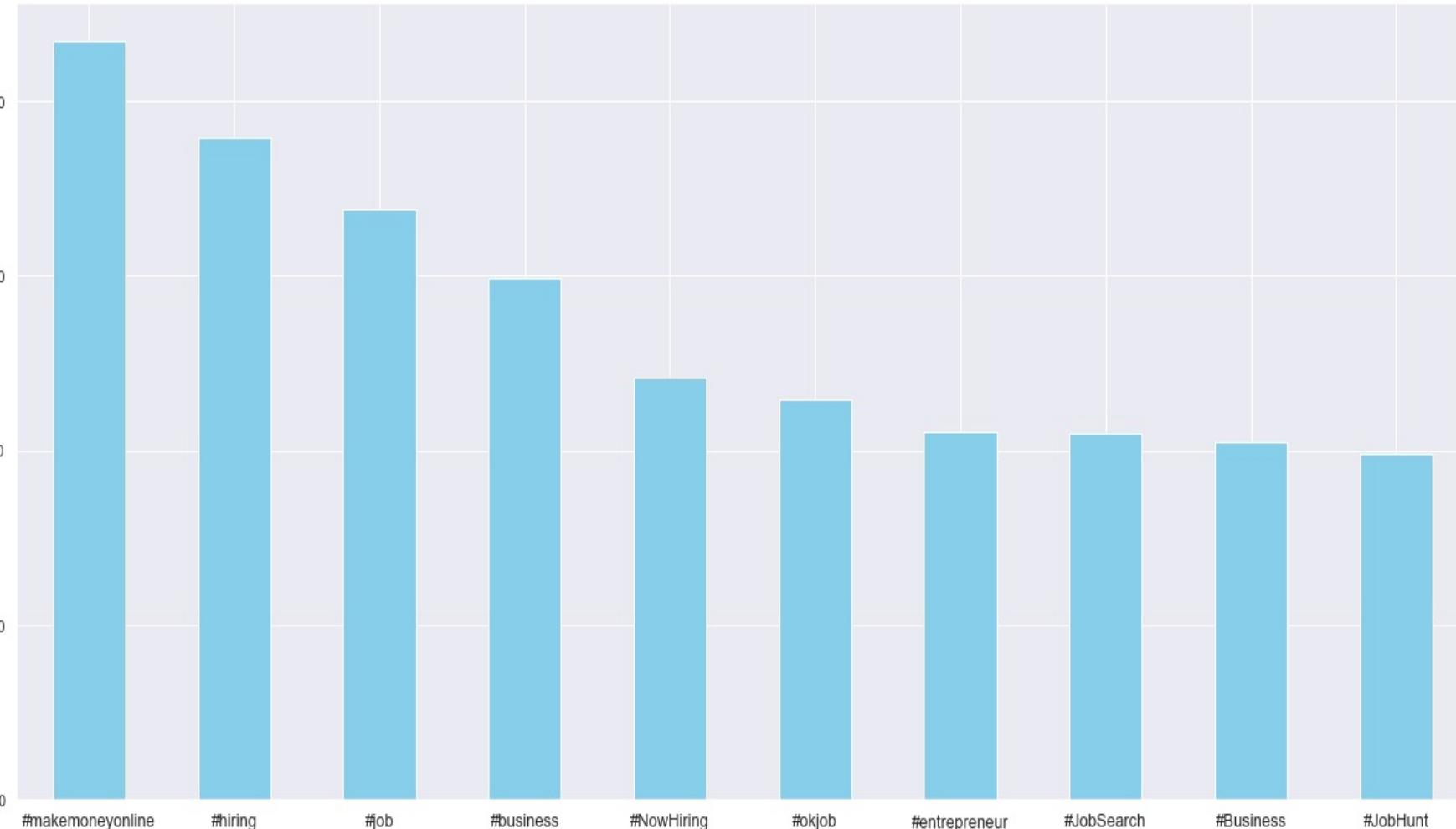
According to Sysomos research, Top 10 countries, number of Twitter users: USA, UK, Canada, Australia, Brazil, Germany, Netherlands, France, India, South Africa.

Top 10 Countries



Number of
positive,neutral
and negative tweets
in most tweeted 10
countries

Most repetitive hashtags

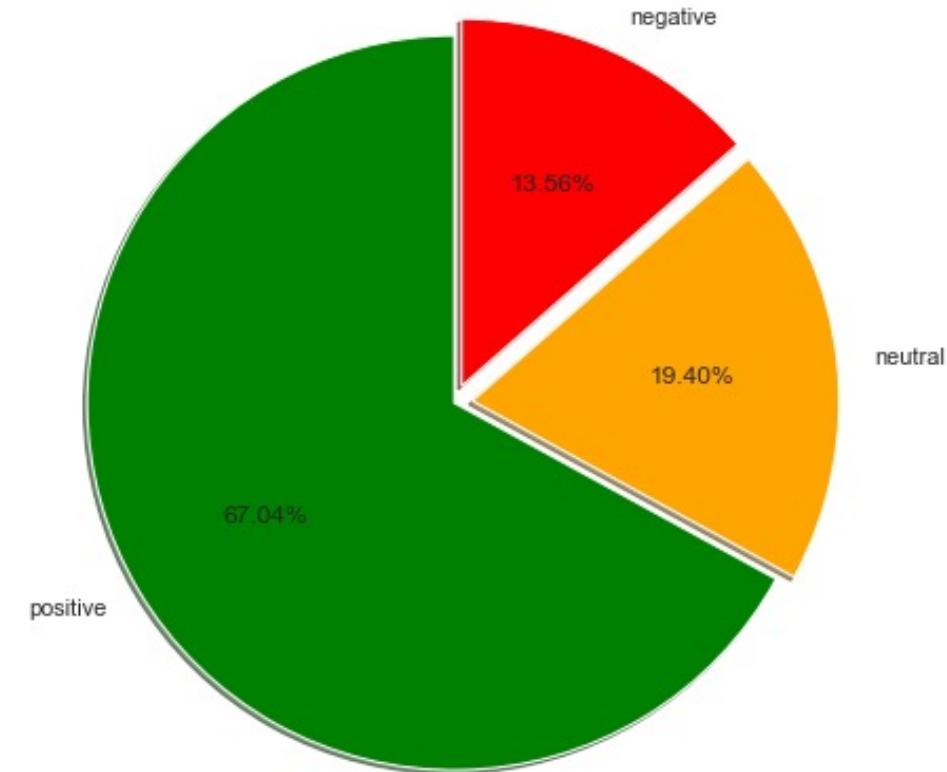
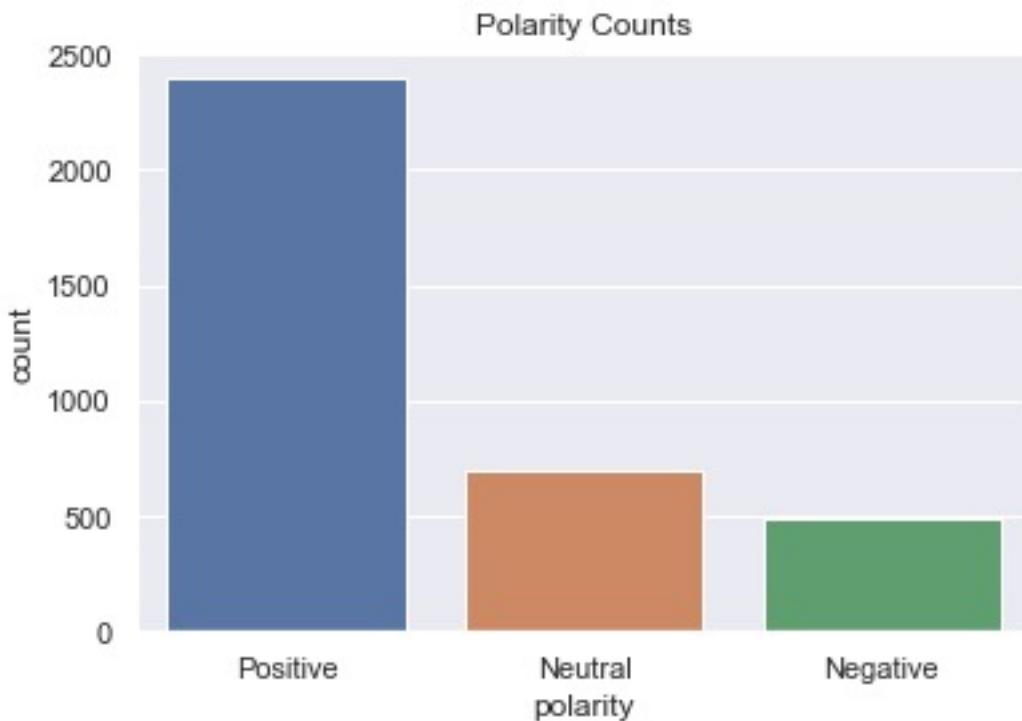


Hashtags used in most of the data apart from #remotework and #workfromhome are mostly about remote jobs.

Remote Job Openings in IT Sector

Description	US	UK	Canada	Japan	India	Switzerland	Philippines	Norway
Job openings for 'python developer'	7	6		1				
Job openings for 'director' level	7							
Job openings for 'data analyst'	9	1	1					
Job openings for 'cloud infrastructure engineer'	17	1	2		1	1	1	
Job openings for 'full stack developer'	42	2	1	1				1
Job openings for 'product manager'	8	1						
Job openings for 'architect' level	2							
Job opening for 'dotnet developer'	1							
Job openings for 'block chain developer'	20							

Sentiment of tweets on impact of work from home on remote workers



Work-life Balance

"Someone said yesterday, now work-life(life revolving around work) balance has changed to life-work(work revolving around life) balance due to remote work, and I couldn't agree more.\n#remotework"

'Do you know #RemoteWorkers are likely to be more productive with their job, & have a healthier work-life balance with less distraction? \n#Technavio believes in safety of employees & hassle-free remote work opportunities by creating #WorkFromHome company policies. #WorkLifeBalance
<https://t.co/Nf2jNeTZUi>'

'How to improve work-life balance during #WFH? \n\n👉 Set a proper working #hours \n👉 Take a quick #break. \n👉 Eat and sleep on #Time \n👉 Make a #fitness routine \n👉 Plan post-workday #activities \n\n#Sapper #support #remotework #coronavirus #employees #work #motivation #Wellbeing <https://t.co/T76eP6caGS>'

'Covid-19 pandemic proved that #remotework is #functional in multiple ways from work-life #balance to job #efficiency. There is an untalked perspective of this phenomenon as well: #GenderDivide! Do you think the ratings are different between the genders? <https://t.co/AqZ1rmbPe4>'

Mental Health

'I should have the right to not respond to work emails at 11pm on a Monday. That time is for me. #Manager - please use the schedule feature. It looks like a little clock. \n#WorkFromHome #WorkLifeBalance #Mentalhealth'

'Mental health got worse during the pandemic as people tried to maintain a healthy work-life balance.\n\nBeing a professor himself, @jaiminism talks about the issues he faces with #WorkFromHome\n\n"I feel like an ATM (any time mazdoor) who has to attend meetings at any point of time"'

'Need to make time for wellness? Click here for 7 wellness tips for working from home that prioritize your emotional health. #Wellness #MentalHealth
#EmotionalWellness #WorkFromHome @WorkAtHome <https://t.co/Z6FgI3gQSH>'

'How to not burn out while taking on challenging problems - \n1. Take 5 min break after every hour\n2. Find a hobby that you enjoy apart from work or profession like reading fiction\n3. Exercise everyday\n4. Sleep at least 6 hours a day\n#Mentalhealth #WorkFromHome'

'Businesses all over the world have been forced to stop shop and establish a #WorkFromHome culture due to the #pandemic. That, if not carried out in the right way, could do more harm than good. Here are 7 tips to maintain your #MentalHealth while #WFH.\n<https://t.co/KXsQ7C2bA8>'

Survey on preference

"Working from home has become a #newnormal for many Canadians. To better understand how they feel about #remotework after over a year of working from home, we asked them. Check out Canadians' work-from-home preferences. #futureofwork #workingfromhome <https://t.co/aqHnrt1rPy>"

'With so many still working from home, which image best summarises your experience? Tidy, designated workspace, working from the sofa, or having to juggle work and family life? Vote A, B or C!
#workingfromhome #workfromhome #homeoffice #flexibleworking #newnormal #homeworking
<https://t.co/PQo9ZVcVxE>'

'Recently, a new survey focusing on federal employees indicated that they lean towards "a more flexible future work environment." These setups are definitely here to stay, @Frank_Konkel. Thanks for this! #RemoteWork #Productivity <https://t.co/ZH1wra6ySh>'

'What are employees saying about the future of remote work? Find few highlights from the recent survey.
\n-\n-\n-\n-\n #remotework #workfromhome
#remoteworking #digitalnomad #covid #wfh #coworking #business #entrepreneur #homeoffice #freelancer #freelance #remotejobs #workfromanywhere
<https://t.co/H533KeIR5m>'

"In Digital's recent survey, nearly half of business owners say #RemoteWork is hurting productivity. @Inc discusses what this means for employers and employees as the #pandemic comes to an end.\xa0<https://t.co/jQ3flqpZHx> <https://t.co/QHJ8qJ7O19>"

Future of Work

'The last 18 months have forever changed the way we work. Some have thrived, many have closed, and remote work is finally becoming commonplace.\n\u2060\nWhat changes are happening at your workplace, and how will it impact your organization?\n\n#worklifebalance #remotework
#futureofwork <https://t.co/ihPcBSwwKs>'

'Work from Anywhere (WFA). It's our new normal 😊 Thanks to @alisachoi for this snapshot of her remote office view! Read more on how the pandemic has change the future of work: <https://t.co/EqE2GfxJwJ>\n\n#workfromhome #remoteworklife #workfromanywhere <https://t.co/vbuYpvNPa>'

'For some people #WorkFromHome has been a blessing but others have struggled; so does the future of work look hybrid? Hear more from the #iWellness experts here👉 <https://t.co/2vg4Fc0aa4> <https://t.co/njadt6WBCy>'

'Apple

'Apple will require employees to return to the office three days a week starting in September, but staffers are unhappy with the inflexible manner of this arrangement.\n\nSubscribe: <https://t.co/MYc0D5YvOj>#workplace #flexibility #remotework #hybridwork \n\n<https://t.co/6srAT69epX>'

"Apple is forcing some disabled employees back to the office, even though they've been cleared to stay WFH under the Americans with Disabilities Act. Great reporting from @Hamilbug via @BusinessInsider \n\n#DisabilityTwitter #RemoteWork #FutureOfWork\n\n<https://t.co/2U7gSSSYyg>"

#Employees, as per the report, have been talking about getting @Apple attention on the matter. In June, employees conducted an internal survey and more than 35% weren't comfortable with Apple's #hybridworkmodel.\n\n#EmployeeExperience #remotework \n\n<https://t.co/qN1dKbqSZ4>'

"It has been reported that many Apple staff are quitting in response to that company's 'hard-line' approach to #RemoteWork. Given that Apple has allowed staff to work at home three days a week (i.e., #HybridWork), is this a sign of things to come? \n\n<https://t.co/edzByDYcAS>"

'Apple employees sent a second letter to CEO @tim_cook and retail and people chief Deirdre O'Brien about the proposed return to the office. #remotework #WFH \n\n<https://t.co/MbiUHaBj9d>'

'Hybrid Work

"Hybrid" is the word of the moment for office work but the hybrid work model as it seems to be currently envisaged, is just not going to work
<https://t.co/UjOtIMbUkd> #remotework #remotejobs #business #remoteworking #workingfromhome #staysafe #HybridWorkforce #FutureOfWork
<https://t.co/W4BVKLKCal>'

"Total remote work is often not realistic or practical, but employers can attract talent by offering some form of hybrid work flexibility" @rickgrimaldi15 via @hrdive #HR #HRleadership #RemoteWork #HybridWork #FutureOfWork #EmployeeX <https://t.co/MsvHgCnVIr>'

'85% of working adults in the UK are in favour of continuing with hybrid working, even after a move back to the office (ONS, June 2021) \n\nAre you ready to be back in the office or are you hoping to stay seated at your #WFH set up?\n\n#freedomdayUK #WorkFromHome'

Opinions

"I used to hate working from home but now that I've got my little office area set up in the outbuilding, I much prefer it. #WorkFromHome \n\nBeats having to go on public transport and dealing with the windowlickers and #COVIDIOTS. #FreeDumbDay"

'As a working mother whose team includes working mothers, I am concerned about career stagnation for myself and my team. Getting flexibility to decide when I come into the office improved my life, my family, and my ability to be a passionate contributor @citrix #remotework <https://t.co/6vs2gQnFgv>'

'I mean, what a great way to spend the afternoon catching up on some things! Love that I can work from anywhere, in the time that I make for it... even while being with and supporting family!\n\n#LoveThisLife
#WorkFromHome #WorkFromAnywhere #FamilyFirst #HopeDealer #HelpingOthers
<https://t.co/OnRo3opRe4>'

"Someone just mentioned that they hate working from home because they don't get to do potlucks. Umm good. Potluck's suck. I don't even like socializing much less being forced to bring food when I don't want to carry around a giant dish. #WorkFromHome is awesome."

Home office setup accessories classified ads

Description	US	UK	Singapore	Thailand
Job openings for Nurse , Teacher , Content Moderator		13		
Job opening for project manager with SaaS/mobile background	1			
Job openings for teacher	1			
Classified ads on office chairs	8			
Classified ads on office desks and desk organizers	7			
Rise of covid cases				1
Classified ads on masks		1	1	

We're growing our team! We have open roles in Product, Marketing, Sales, Technology and Finance! If you want to make a difference at a growing tech company, find your future here! <https://t.co/zibSjm2U0j> #remotework #hiring #techjobs

🏆 Today's featured article looks at the remote work skills you can include on your CV to help you gain a hiring managers attention.  Sign up for FREE to read the article and more: <https://t.co/SW14gXK5xW> #jobsearch #wfh #worklife #careers #CV #remotework #remoteworking <https://t.co/0WQL3WytJN>

Remote work is a spectrum. Learn what it takes to create a great remote culture at your company. Save 50% on the Remote Work Master Class: <https://t.co/mi2cgC73R2> Now includes free companion Kindle book. #remotework #remoteworking

Whether you've had a remote sales team for a while or have recently made the shift to remote work, make team engagement an integral part of your company culture. Here are 20 simple ways to keep your remote sales team engaged. <https://t.co/qF1E1P1yot> #sales #remotework <https://t.co/OkbqOzrnz4>

To help business leaders when it comes to managing remote workers, we have listed some ways that can be considered for better remote management of teams and individuals. #Tips #remotework #remotejob #employees #WorkFromHome #management #teams #EmployeeEngagement #Leaders #codleo <https://t.co/6ZBtlGZcld>

Remote job openings in Non-IT and tips on how to manage remote jobs



Remote job openings in Non-IT and tips on how to manage remote jobs

Description	US	UK	Canada	India	Kenya	Mexico	South Africa	Spain	UAE
Job openings Sales/Salesforce/B2B Sales	44	19	5	5	5	5	3	1	1
Job openings as Customer Service Representative/Advisor	34	1							

Description
software tools to enhance work from home experience, work productivity tools to boost productivity.
technology trends /trends of work model, the reasons it will stay
tips on how to negotiate remote salary, managing long-term remotework, interview remote team candidates, remote project management.

Next Steps

- To conduct an online survey and use the survey results along with twitter data to analyze people's views.
- Collect more twitter data.

Thank
you