

### **Predicting Time-Bound User Needs**

**Using Google Analytics** 

## We adapt to change all of the time

- Road Closures
- Snow Storms
- Sporting Events
- Moving Days
- Commencement



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## When we adapt to change, we ask questions

# Often, we find our answers in KB articles

### KNOWLER Document Title WiscVPN - Connecting to the Palo Alto GlobalProtect Client (Mac) • WiscVPN - Troubleshooting the Palo Alto GlobalProtect Client (MacOS). • GlobalProtect VPN - Connecting using Mac • WiscVPN - Connecting to the Palo Alto GlobalProtect Client (Chromebook). WiscVPN - Connecting to the Palo Alto GlobalProtect Client (Windows). BAN VPN - Connecting to the BAN Network • GlobalProtect VPN - Connecting using Windows WiscVPN - Connecting to the Palo Alto GlobalProtect Client (Linux) Connecting with the Global Protect (Palo Alto) Client • WiscVPN - Connecting to the Palo Alto GlobalProtect Client (Android). • Campus Card Access System (Andover) - Connecting to the Andover Web C • WiscVPN - Installing and Connecting with the Palo Alto GlobalProtect Leg WiscVPN - Static IP Troubleshooting

### What can we learn about our

articles from Google Analytics?

### Jonathan Dedering

### **Systems Programmer**

University of Wisconsin – Madison

Division of Information Technology (DoIT)

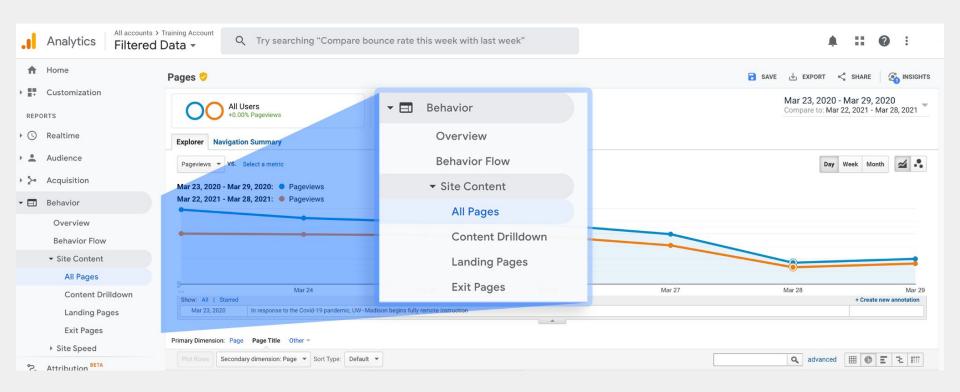
Application Infrastructure Services (AIS)

- I build and consult on websites and digital projects
- Learned Google Analytics in 2015
   while working in advertising
- Provide consultation and training on Google Analytics-related topics



### Follow along with these slides using the **All Pages** report

in Google Analytics



### a specific date

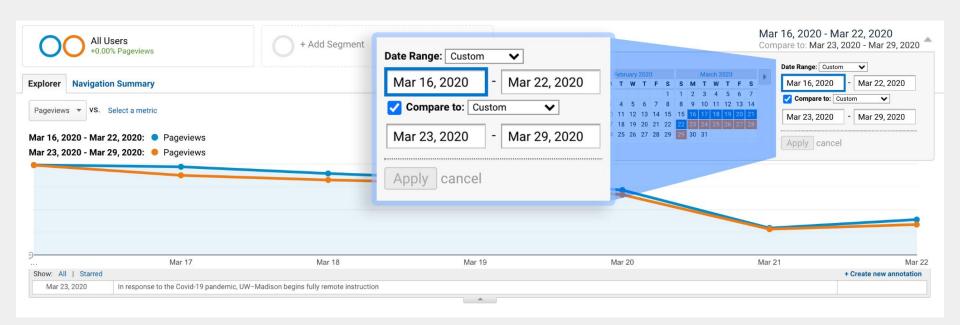
Let's start by choosing

### March 23, 2020, In response to the

Covid-19 pandemic, UW-Madison

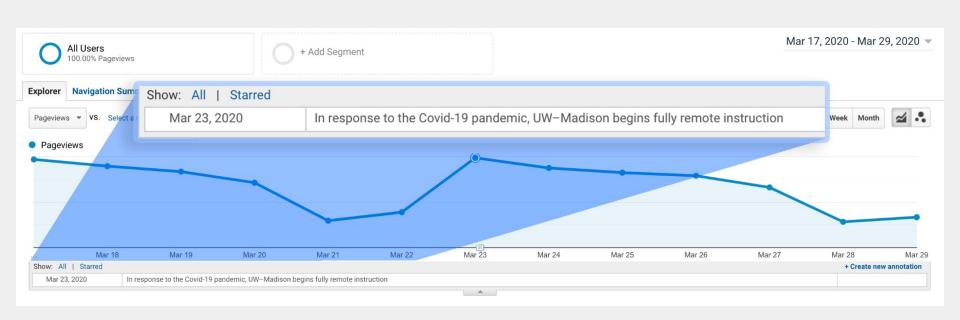
begins fully remote instruction

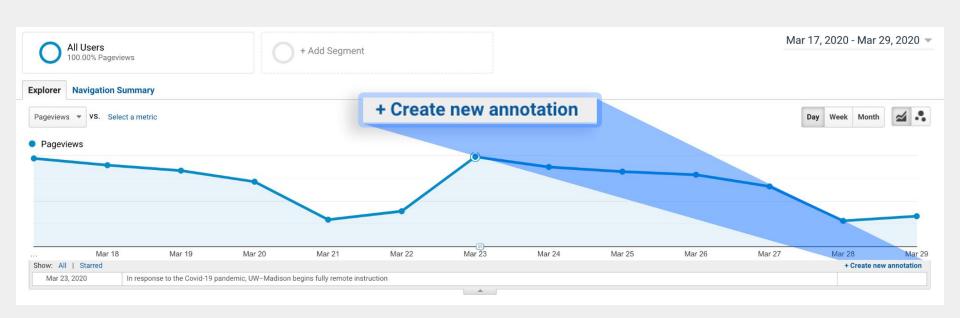
## We can use the **date picker** to filter our report to this date



## Next, let's use an **annotation** to mark this date on our timeline

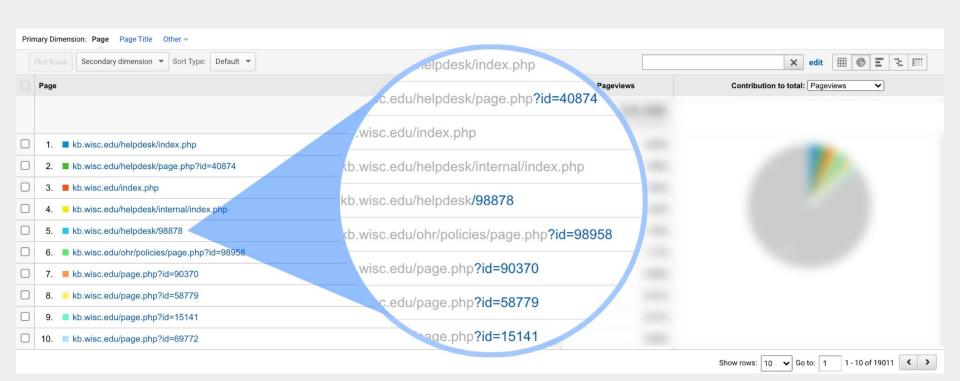




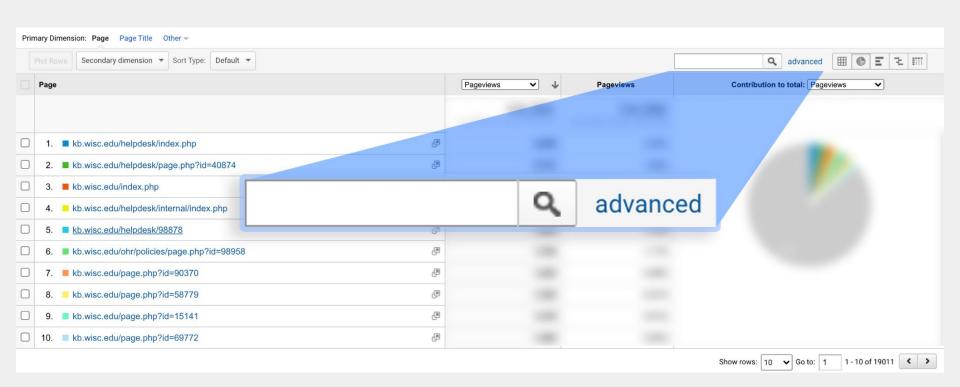


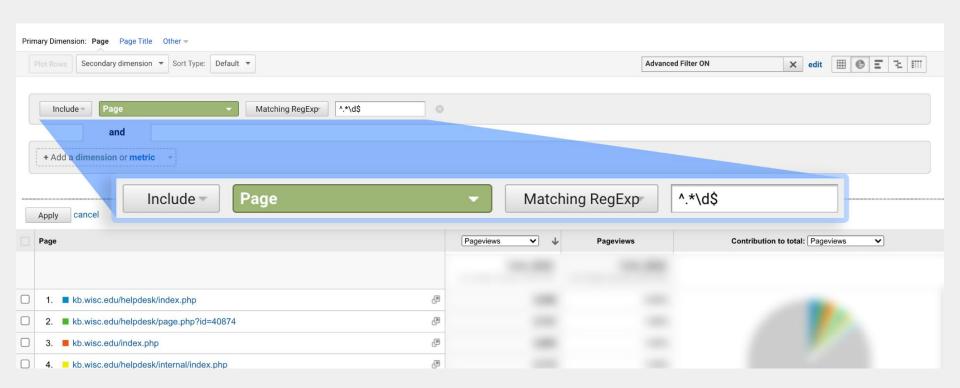
KB article URLs follow

a simple pattern

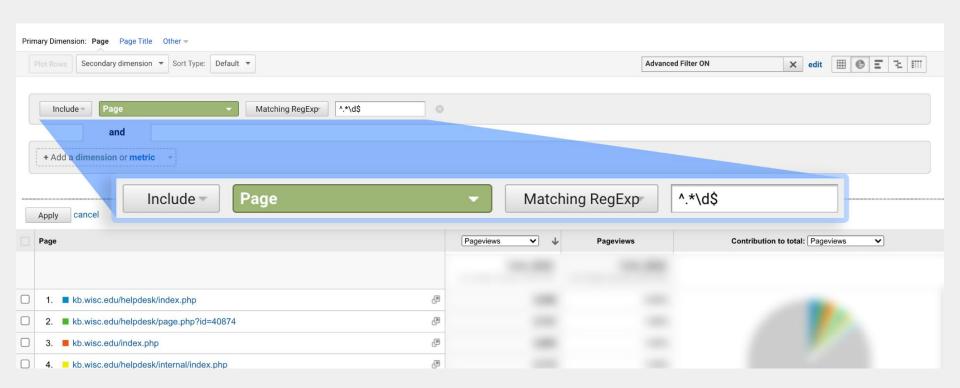


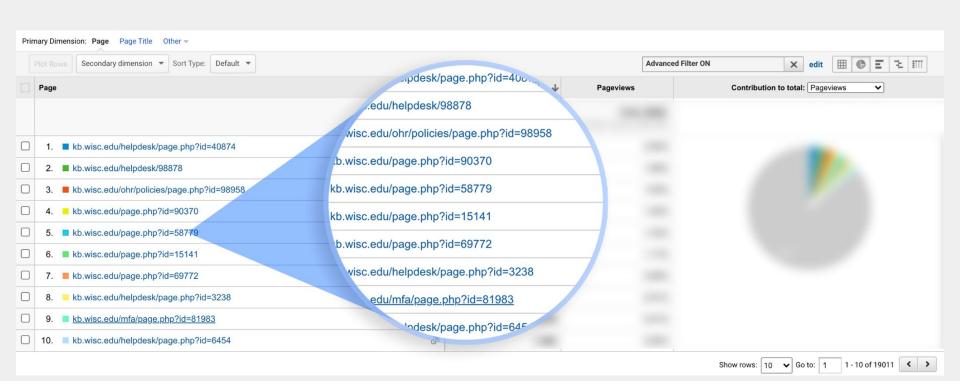
We can filter out pages that aren't articles using the advanced filter





### 1.\*\d\$

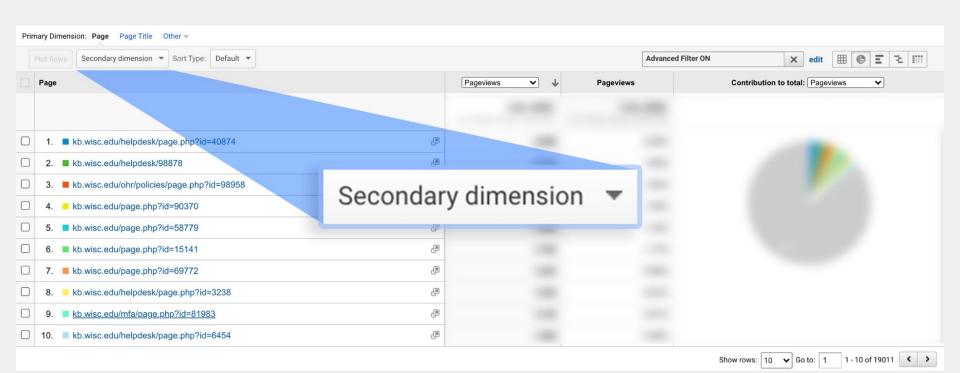


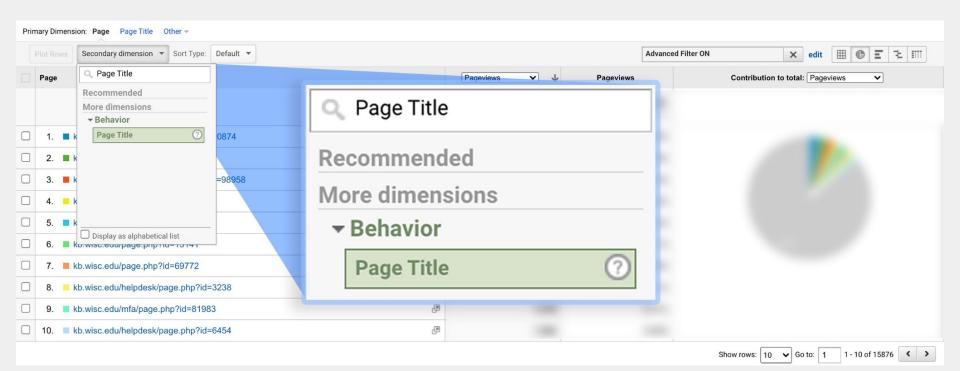


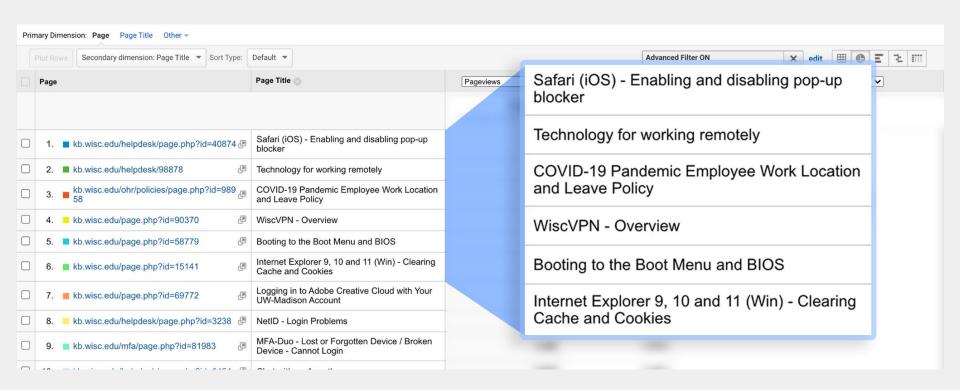
What articles are these?

Where are the titles?

## Let's use a **secondary dimension** to add page titles to our report



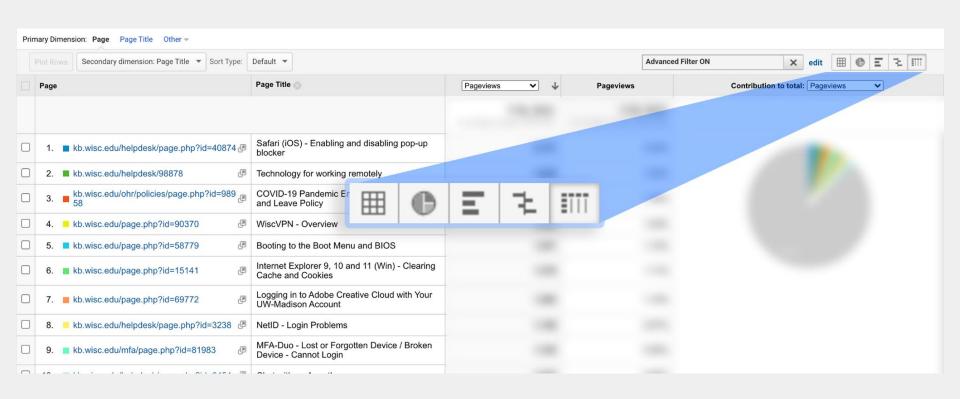


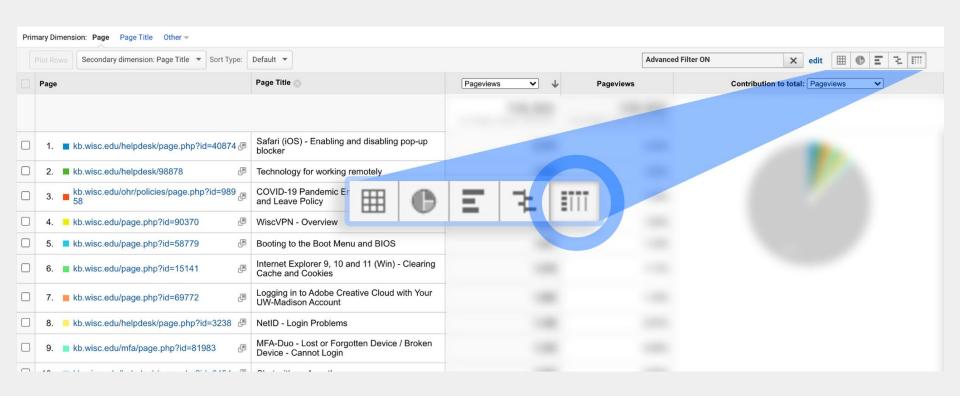


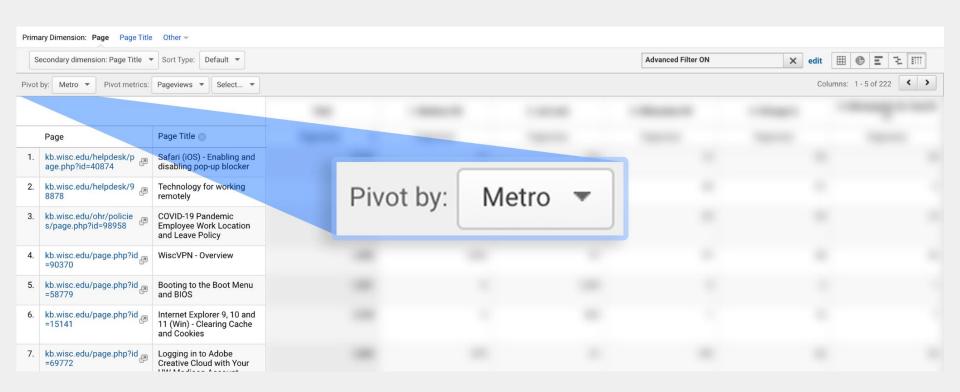
How do we compare one

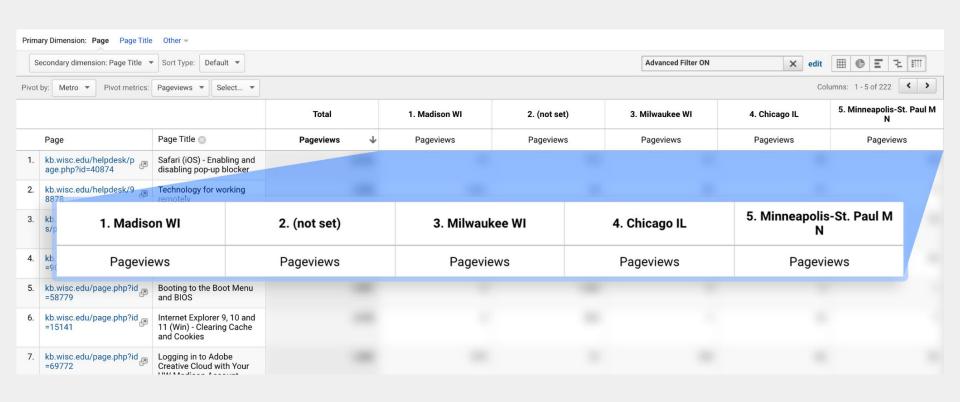
dimension to another?

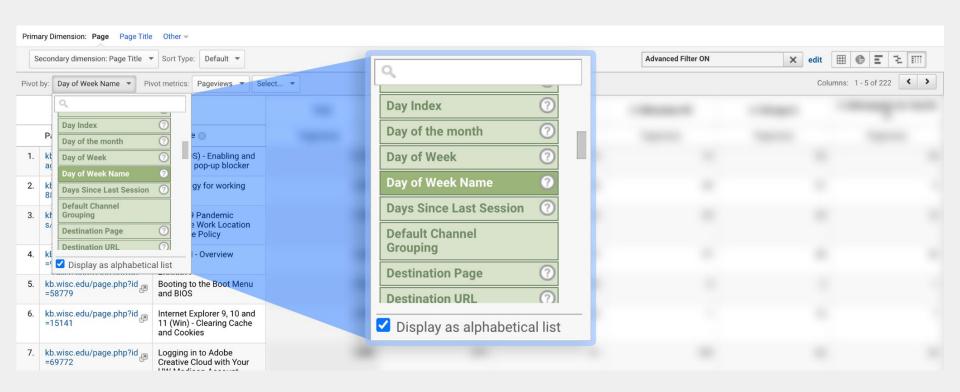
### Let's take a look at **pivot tables**

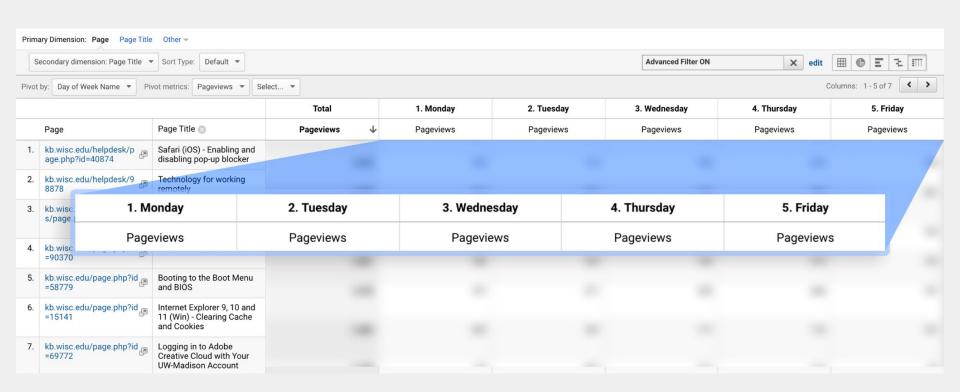


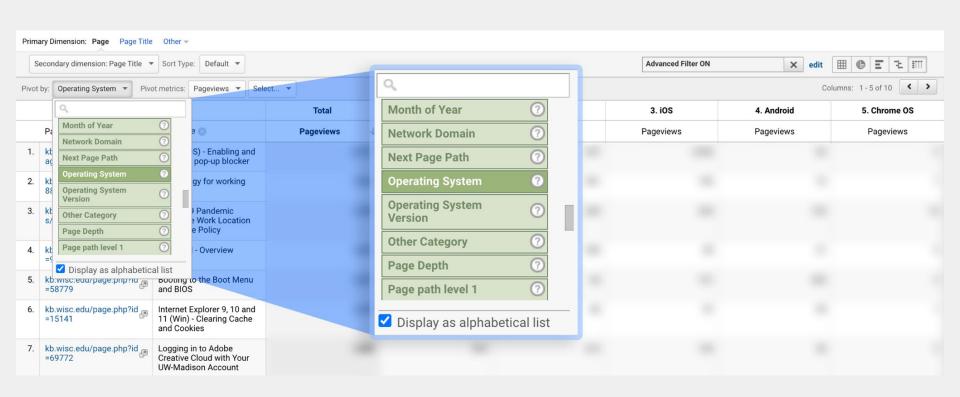


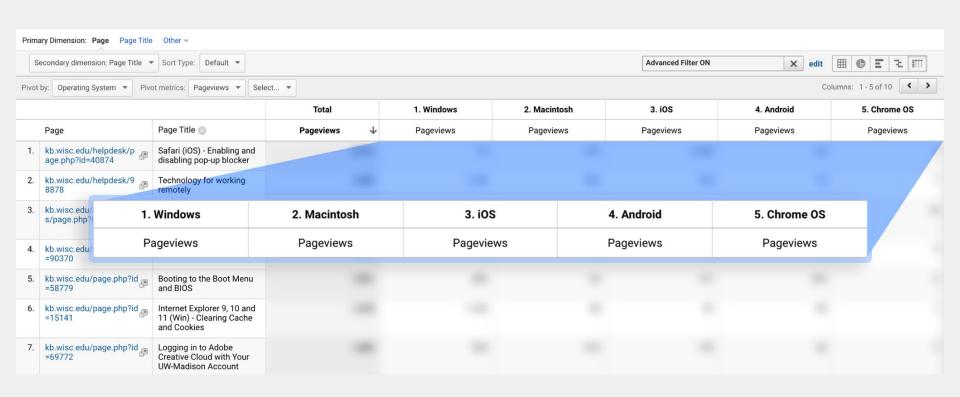






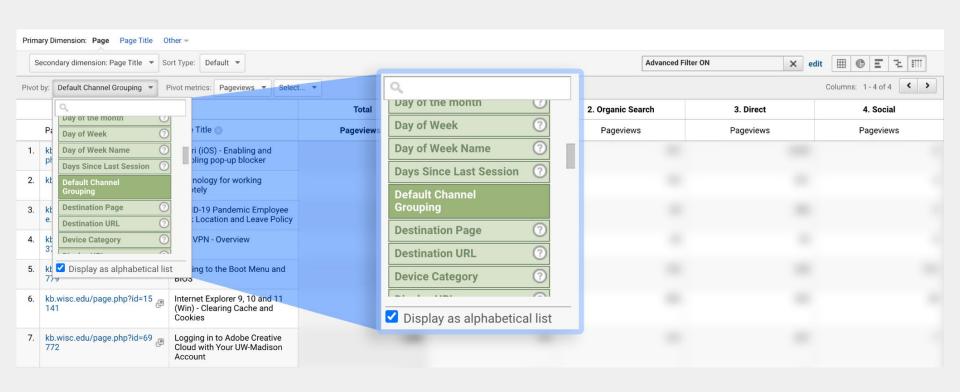


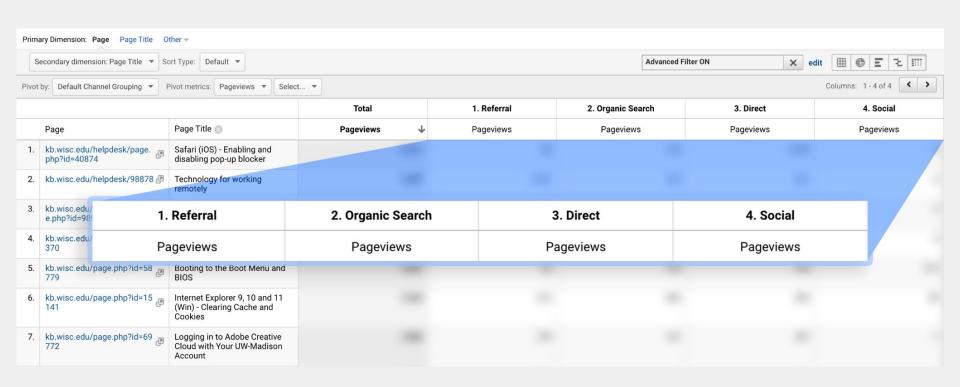




Pivot tables provide greater

context to our analysis





Secondary dimension: Page Title  Sort Type: Default  Advantage  Ad						ilter ON X e	iii	
Pivot by: Default Channel Grouping Pivot metrics: Pageviews Select Pageviews Select							Columns: 1 - 4 of 4	
			Total	1. Referral	2. Organic Search	3. Direct	4. Social	
	Page	Page Title 💿	Pageviews ↓	Pageviews	Pageviews	Pageviews	Pageviews	
1.	kb.wisc.edu/helpdesk/page. php?id=40874	Safari (iOS) - Enabling and disabling pop-up blocker	2,741	95	107	2,539		
2.	kb.wisc.edu/helpdesk/98878 🗗	Technology for working remotely	1,925	1,267	133	521		
3.	kb.wisc.edu/ohr/policies/pag e.php?id=98958	COVID-19 Pandemic Employee Work Location and Leave Policy	1,702	1,246	69	384		
4.	kb.wisc.edu/page.php?id=90 370	WiscVPN - Overview	1,423	1,307	24	92		
5.	kb.wisc.edu/page.php?id=58 779	Booting to the Boot Menu and BIOS	1,321	28	153	228	9	
6.	kb.wisc.edu/page.php?id=15	Internet Explorer 9, 10 and 11 (Win) - Clearing Cache and Cookies	1,318	214	556	520		
7.	kb.wisc.edu/page.php?id=69 772	Logging in to Adobe Creative Cloud with Your UW-Madison Account	1,304	729	141	427		

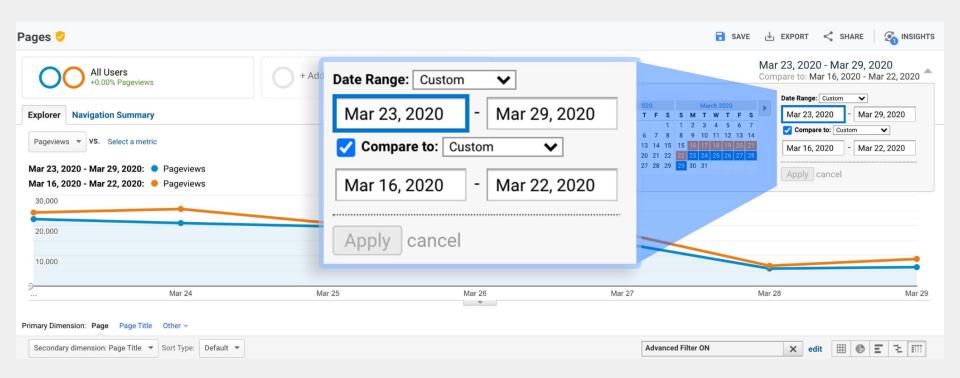
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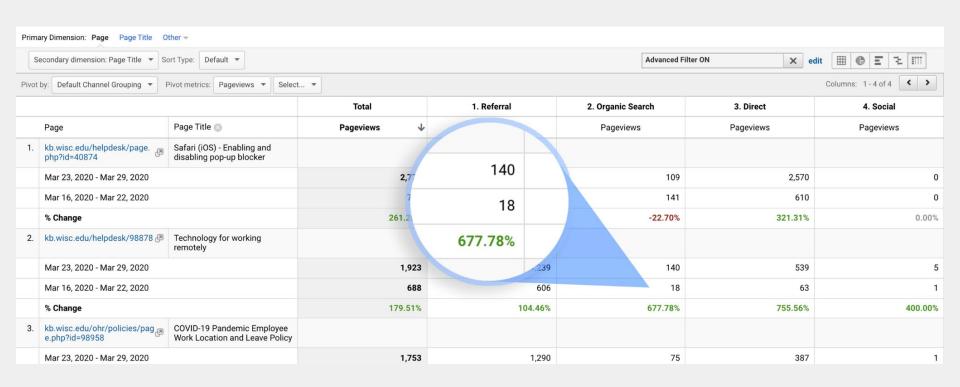
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with other dates

Lastly, let's compare this data





Where do we go from here?

Identify which articles are having an impact on real-world events

# our communication channels

Promote timely information on

Take proactive steps to update articles prior to peak usage periods

Let's reach new heights



## Questions?