

ZOOM account utilization

```
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.5.2      v tibble     3.2.1
v lubridate  1.9.4      v tidyr      1.3.1
v purrr      1.0.4
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(here)
```

here() starts at /Users/jds/Documents/cch/SGS_IT/zoom-accounts

```
library(janitor)
```

Attaching package: 'janitor'

The following objects are masked from 'package:stats':

chisq.test, fisher.test

You can add options to executable code like this

```

New names:
Rows: 437 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 462 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 407 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 422 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 424 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)

```

```

i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 377 Columns: 30
-- Column specification
----- Delimiter: "," chr
(24): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (2): 3rd Party ID, ...30
time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
New names:
Rows: 327 Columns: 30
-- Column specification
----- Delimiter: "," chr
(23): Meeting ID, Topic, Host, Email, User Type, Department, Group, Sta... dbl
(3): Avg Join Meeting Time, Participants, MMR Port lgl (3): 3rd Party ID,
Phone, ...30 time (1): Duration (hh:mm:ss)
i Use `spec()` to retrieve the full column specification for this data. i
Specify the column types or set `show_col_types = FALSE` to quiet this message.
* `` -> `...30`

```

```

zoom_events |>
  select(department, user_type, group,
archiving, phone, vo_ip, x3rd_party_audio, video, screen_sharing, recording, poll, q_a, surv
  ) |>
  pivot_longer(everything()) |>
  count(name, value) |>
  arrange(name, value) |>
  print(n = 500)

```

```
# A tibble: 33 x 3
```

	name	value	n
	<chr>	<chr>	<int>
1	archiving	No	2856
2	crc	No	2856
3	department	Board	13
4	department	Code of Conduct	11
5	department	Europe	99
6	department	GCC	80
7	department	Process Team	206
8	department	SEU	299

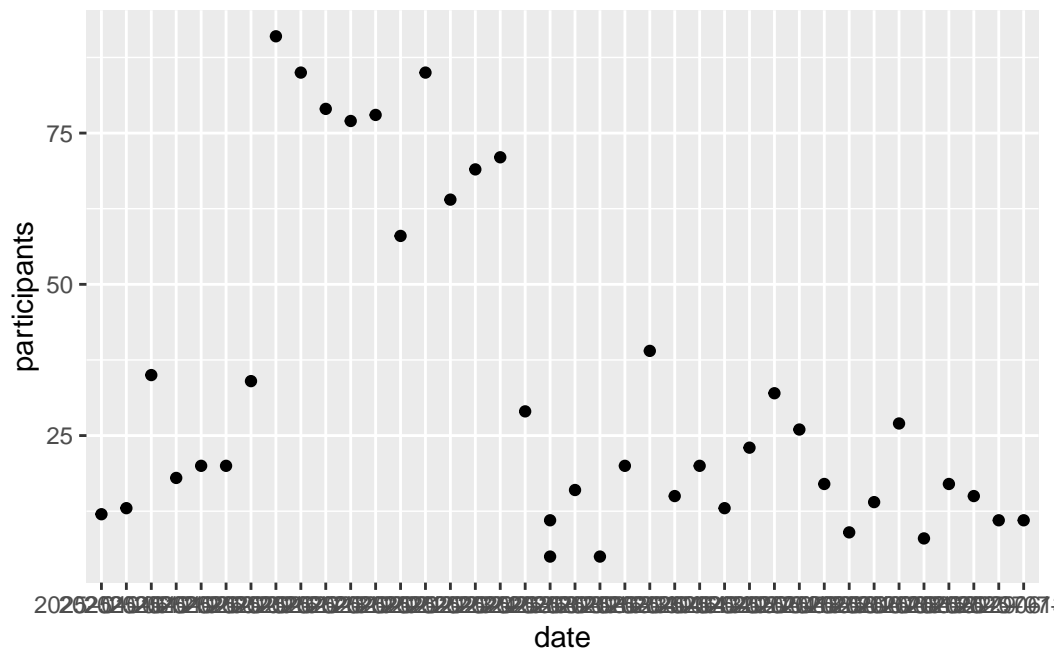
9	department	SGS	1008
10	department	Shambhala	20
11	department	Shambhala Online	1027
12	department	<NA>	93
13	encryption	Encryption is enabled, but 1 exception	14
14	encryption	Encryption is enabled, but 2 exceptions	1
15	encryption	Enhanced encryption	2841
16	group	SGS	2776
17	group	<NA>	80
18	phone	PSTN	15
19	phone	<NA>	2841
20	poll	No	2856
21	q_a	No	2856
22	recording	No	2552
23	recording	Yes	304
24	screen_sharing	No	2022
25	screen_sharing	Yes	834
26	survey	No	2856
27	user_type	Basic	3
28	user_type	Licensed	2853
29	video	No	1150
30	video	Yes	1706
31	vo_ip	No	78
32	vo_ip	Yes	2778
33	x3rd_party_audio	No	2856

```
shambhala_online <- zoom_events |>
  filter(str_detect(email, "shambhalaonline.org"))
```

```
sunday_gathering <- shambhala_online |> filter(str_detect(topic, "Sunday"),
  participants > 2) |>
  mutate(date = as.character(as.Date(start_time))) |>
  arrange(start_time)

# hist(sunday_gathering$participants)

sunday_gathering |>
  ggplot(aes(date, participants)) +
  geom_point()
```



```
sunday_gathering |>
  mutate(
    event_date = format(start_time, "%m-%d"),
    # month_year = format(start_time, "%Y-%m"),
    # week = week(start_time)
  ) |>
  ggplot(aes(event_date, participants)) +
  geom_point() +
  theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
  labs(title = "Attendance at Sunday Gatherings")
```

Attendance at Sunday Gatherings

