DailyReports.R

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```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v ggplot2 3.3.6     v purrr   0.3.4
## v tibble  3.1.7     v dplyr   1.0.9
## v tidyr   1.2.0     v stringr 1.4.0
## v readr   2.1.2     v forcats 0.5.1

## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(gt)
library(gsheet)
rm(list = ls())

raw_shots <- gsheet2tbl("https://docs.google.com/spreadsheets/d/1BcIP7CIYDTNnedcRG3U3HAIwluaJtz8LCAKfAr
  mutate(Region = case_when(
    Region == 'P' ~ "Paint",
    Region == 'LC' ~ "Left Corner",
    Region == 'RC' ~ "Right Corner",
    Region == 'LW' ~ "Left Wing",
    Region == 'RW' ~ "Right Wing",
    Region == 'T' ~ "Top",
    Region == 'TK' ~ "Top of Key",
    Region == 'RE' ~ "Right Elbow",
    Region == 'LE' ~ "Left Elbow",
    Region == 'RB' ~ "Right Baseline",
    Region == 'LB' ~ "Left Baseline"
  ),
  Range = case_when(
    (Region == 'Left Corner') |
      (Region == 'Left Wing') |
      (Region == 'Top') |
      (Region == 'Right Wing') |
      (Region == 'Right Corner') ~ "3",
    Region == 'Paint' ~ "Paint",
    TRUE ~ "2"
  ),
```

```
  `Shot Type` = case_when(
    `Shot Type` == 'S' ~ "Catch & Shoot (Set)",
    `Shot Type` == 'M' ~ "Catch & Shoot (Moving)",
    `Shot Type` == 'L' ~ "Layup",
    `Shot Type` == 'F' ~ "Floater",
    `Shot Type` == 'H' ~ "Hook Shot",
    `Shot Type` == 'B' ~ "Stepback",
    `Shot Type` == 'P' ~ "Pull-Up"
  ))
raw_posts <- gsheet2tbl("https://docs.google.com/spreadsheets/d/1BcIP7CIYDTNnedcRG3U3HAIwluaJtz8LCAKfAr
raw_turnovers <- gsheet2tbl("https://docs.google.com/spreadsheets/d/1BcIP7CIYDTNnedcRG3U3HAIwluaJtz8LCA

today <- "10/24/22"
raw_shots <- filter(raw_shots, Date == today)
raw_posts <- filter(raw_posts, Date == today)
raw_turnovers <- filter(raw_turnovers, Date == today)

field_goals <-
  raw_shots %>%
  group_by(Player) %>%
  summarize(FGM = sum(Outcome),
            FGA = n(),
            `FG%` = round(100*FGM/FGA, 1)) %>%
  ungroup() %>%
  arrange(desc(`FG%`))

twos <-
  raw_shots %>%
  filter(Range == 2) %>%
  group_by(Player) %>%
  summarize(`2PM` = sum(Outcome),
            `2PA` = n(),
            `2P%` = round(100*`2PM`/`2PA`, 1)) %>%
  ungroup() %>%
  arrange(desc(`2P%`))

threes <-
  raw_shots %>%
  filter(Range == 3) %>%
  group_by(Player) %>%
  summarize(`3PM` = sum(Outcome),
            `3PA` = n(),
            `3P%` = round(100*`3PM`/`3PA`, 1)) %>%
  ungroup() %>%
  arrange(desc(`3P%`))

tovs <-
  raw_turnovers %>%
  group_by(Player) %>%
  summarize(Turnovers = n()) %>%
  ungroup() %>%
  arrange(desc(Turnovers))
```

```
posts <-
  raw_posts %>%
  mutate(Short = (Distance == "S")) %>%
  group_by(Player) %>%
  summarize(`Post-Ups` = n(),
            Short = sum(Short),
            Long = n() - Short,
            `Shot?` = sum(`Shot?`)) %>%
  ungroup() %>%
  arrange(desc(`Post-Ups`))
```

```
field_goals %>%
  merge(select(twos, Player, `2P%`), on='Player', all.x=TRUE) %>%
  merge(select(threes, Player, `3P%`), on='Player', all.x=TRUE) %>%
  merge(tovs, on='Player', all.x=TRUE) %>%
  merge(posts, on='Player', all.x=TRUE) %>%
  gt()
```

Player	FGM	FGA	FG%	2P%	3P%	Turnovers	Post-Ups	Short	Long	Shot?
Alec Bryan	4	7	57.1	NA	57.1	NA	NA	NA	NA	NA
Arrish Bhandal	6	9	66.7	100	NA	NA	5	2	3	3
Ben Chasin	1	6	16.7	0	25.0	NA	NA	NA	NA	NA
Dashiel Walker	0	4	0.0	NA	0.0	3	NA	NA	NA	NA
Eamonn Kenah	1	3	33.3	NA	0.0	2	NA	NA	NA	NA
Elliot Paschal	4	6	66.7	50	66.7	3	NA	NA	NA	NA
Ezra Moos	7	9	77.8	100	71.4	NA	NA	NA	NA	NA
Joe Berry	0	2	0.0	0	NA	1	NA	NA	NA	NA
Josh Preston	2	4	50.0	NA	0.0	NA	1	1	0	1
Skyler Twyman	1	4	25.0	NA	0.0	NA	NA	NA	NA	NA
Thomas Kurowski	2	8	25.0	0	33.3	2	NA	NA	NA	NA
Tola Olorode	1	3	33.3	NA	0.0	2	NA	NA	NA	NA
X	4	8	50.0	0	0.0	NA	5	3	2	2