

Group assignment

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Assigning you to groups

The code below assigns you to groups based on the skills you reported and the continent you are residing on. Unfortunately, only one of you is staying on the American continent (Michael has switched course).

```
library(tidyverse)
library(kableExtra)

data <- read_csv("poll/assessment.zip") %>%
  select(experience_r = 3, experience_python = 7, quanti_1 = 16, quanti_2 = 17, quanti_3 = 18,
         continent = 19, mail = 20, group_preference = 21) %>%
  filter(mail != "tamara.dick@stud.uni-regensburg.de") %>%
  mutate(across(starts_with("experience"),
    ~case_when(
      . == "Never heard of it" ~ 1,
      . == "I know how to open the application" ~ 2,
      . == "Used it a couple of times" ~ 3,
      . == "Used it for a project/assignment/paper" ~ 4)),
    across(starts_with("quanti"),
      ~case_when(
        . == "Never heard of it" ~ 1,
        . == "Read of it" ~ 2,
        . == "Did it a couple of times" ~ 3,
        . == "Did it for something somebody else graded (project/paper/etc.)" ~ 4)))

## assigning groups for weekly R assignments -- emphasis lies on location and stated preferences

group_1 <- data %>%
  filter(continent == "Asia") %>%
  select(group_1 = mail) %>%
  pivot_longer(everything(), names_to = "group", values_to = "mail")
group_2 <- data %>%
  filter(str_detect(mail, pattern = "Fatten|Alina|erhan")) %>%
  select(group_2 = mail) %>%
  pivot_longer(everything(), names_to = "group", values_to = "mail")
group_3 <- data %>%
  filter(str_detect(mail, pattern = "Grant|Ernesto")) %>%
  select(group_3 = mail) %>%
  pivot_longer(everything(), names_to = "group", values_to = "mail")
remainder <- data %>% filter(!mail %in% c(group_1$mail, group_2$mail, group_3$mail)) %>% select(mail, e
```

```

r_experienced <- remainder %>%
  arrange(-experience_r) %>%
  slice(1:4) %>%
  select(mail) %>%
  mutate(mail = case_when(str_detect(mail, "hlp") ~ "petr.hladik@stud.uni-regensburg.de",
                           TRUE ~ mail)) %>%
  bind_rows(tibble(mail = "sophia.grill@stud.uni-regensburg.de"))
r_unexperienced <- remainder %>%
  arrange(experience_r) %>%
  slice(1:6)

list <- vector(mode = "list", length = 5)
set.seed(123)
x <- sample(1:6, size = 5)
for (i in 1:5) {
  j <- x[[i]]
  name <- paste0("group_", as.character(i+3))
  list[[i]] <- c(r_experienced$mail[[i]], r_unexperienced$mail[[j]]) %>% enframe(name = NULL, value = n
}

r_groups_temp <- bind_rows(group_1, group_2, group_3,
  list %>%
  bind_cols() %>%
  pivot_longer(everything(), names_to = "group", values_to = "mail"))

r_groups_final <- r_unexperienced %>%
  filter(!mail %in% r_groups_temp$mail) %>%
  mutate(group = sample(r_groups_temp$group, 1)) %>%
  select(group, mail) %>%
  bind_rows(r_groups_temp) %>%
  arrange(group)

## paper groups

paper_groups <- r_experienced %>% rowid_to_column("group") %>%
  left_join(r_groups_final %>%
    filter(!mail %in% r_experienced$mail) %>%
    select(-group) %>%
    pingers::shuffle() %>%
    mutate(group = c(1:5, 1:5, 1:3)),
    by = "group") %>%
  pivot_longer(starts_with("mail"), names_to = NULL, values_to = "mail") %>%
  distinct(mail, .keep_all = TRUE)

kable(r_groups_final %>% mutate(group = str_replace(group, "group_", "")), caption = "Group assignment :
kable(paper_groups, caption = "Group assignment for the final project")

```

Table 1: Group assignment for the weekly R assignments

group	mail
1	Averie-Yi-Shan.Lim@stud.uni-regensburg.de
1	Ekaterina.Zvonareva@stud.uni-regensburg.de
2	Alina.Lackerbauer@stud.uni-regensburg.de
2	Fatten.Livadiotti@stud.uni-regensburg.de
2	erhan.kanneci@stud.uni-regensburg.de
3	Ernesto.Flores@stud.uni-regensburg.de
3	Grant.Mathews@stud.uni-regensburg.de
4	Theresa.l.rieger@stud.uni-regensburg.de
4	Mario-Isaac.Menes-Espinosa@stud.uni-regensburg.de
5	petr.hladik@stud.uni-regensburg.de
5	Holli.Helm@stud.uni-regensburg.de
6	Alexander.Marshall@stud.uni-regensburg.de
6	Erik.Papik@stud.uni-regensburg.de
7	Elin.Szymanowski@stud.uni-regensburg.de
7	emily-spring.page@stud.uni-regensburg.de
7	heike-lorena-constanza.dannich@stud.uni-regensburg.de
8	sophia.grill@stud.uni-regensburg.de
8	julia.gaydoul@stud.uni-regensburg.de

Table 2: Group assignment for the final project

group	mail
1	Theresa.l.rieger@stud.uni-regensburg.de
1	erhan.kanneci@stud.uni-regensburg.de
1	Alina.Lackerbauer@stud.uni-regensburg.de
1	Erik.Papik@stud.uni-regensburg.de
2	petr.hladik@stud.uni-regensburg.de
2	Fatten.Livadiotti@stud.uni-regensburg.de
2	Mario-Isaac.Menes-Espinosa@stud.uni-regensburg.de
2	Grant.Mathews@stud.uni-regensburg.de
3	Alexander.Marshall@stud.uni-regensburg.de
3	Ernesto.Flores@stud.uni-regensburg.de
3	Averie-Yi-Shan.Lim@stud.uni-regensburg.de
3	Ekaterina.Zvonareva@stud.uni-regensburg.de
4	emily-spring.page@stud.uni-regensburg.de
4	Holli.Helm@stud.uni-regensburg.de
4	heike-lorena-constanza.dannich@stud.uni-regensburg.de
5	sophia.grill@stud.uni-regensburg.de
5	julia.gaydoul@stud.uni-regensburg.de
5	Elin.Szymanowski@stud.uni-regensburg.de