

What are the Cowboyest Names in Switzerland?

Data Management and Integration Assignment

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```
library(tidyverse)
library(DBI)
library(knitr)
```

Cattle population

By commune

```
cattle_population <- read_delim("input_data/cattle-map-commune.csv",
  delim = ";", escape_double = FALSE, trim_ws = TRUE)
cattle_population <- cattle_population %>%
  select(MunicipalityNumber, commune, count)

cattle_population %>% sample_n(10) %>% kable()
```

MunicipalityNumber	commune	count
1402	Engelberg	1253
552	Utzenstorf	525
3313	Kaltbrunn	1521
5407	Leysin	238
3037	Walzenhausen	509
86	Dielsdorf	60
5406	Lavey-Morcles	214
2138	Jaun	751
119	Seegräben	350
5713	Crans (VD)	162

Population by Commune

The data was gathered from the Swiss federal geodata portal at data.geo.admin.ch, and converted from an ESRI shapefile into a CSV in QGIS.

```
communes <- read_csv("input_data/gemeinde.csv")
communes <- communes %>%
  select(BFS_NUMMER, EINWOHNERZ, NAME)

communes %>% sample_n(10) %>% kable()
```

BFS_NUMMER	EINWOHNERZ	NAME
5741	256	L'Abergement
593	5760	Unterseen
4075	4546	Rudolfstetten-Friedlisberg
5640	722	Lussy-sur-Morges
877	512	Niedermuhlern
885	2153	Uttigen
5903	230	Bioley-Magnoux
6716	108	Mettembert
2465	2522	Buchegg
6643	34898	Vernier

Most common family names by commune

```
family_names <-
  read_delim(
    "input_data/family-names-commune.csv",
    delim = ";",
    escape_double = FALSE,
    trim_ws = TRUE
  )
family_names <- family_names %>%
  filter(TIME_PERIOD == 2021) %>%
  select(LASTNAME, GDENR, GDENAME, RANG_GDE, VALUE)

family_names %>% sample_n(10) %>% kable()
```

LASTNAME	GDENR	GDENAME	RANG_GDE	VALUE
Ryf	6730	Val Terbi	85	6
Milesi	3986	Tujetsch	58	3
Mac Sweeney	5729	Tannay	8	5
Heller	55	Eglisau	22	13
Feinaigle	12	Rifferswil	31	5
Weber	977	Heimenhausen	43	5
Mathys	2543	Bettlach	59	8
Verburg	5643	Préverenges	65	6
Graf	885	Uttigen	21	13
Kuster	4030	Killwangen	92	4

Most common cattle names by commune

```
cattle_NamesFemaleCalves <- read_delim("input_data/cattle-NamesFemaleCalves.csv",
  delim = ";", escape_double = FALSE, trim_ws = TRUE) %>%
  mutate(sex="F")

cattle_NamesMaleCalves <- read_delim("input_data/cattle-NamesMaleCalves.csv",
  delim = ";", escape_double = FALSE, trim_ws = TRUE) %>%
  mutate(sex="M")
```

```

cattle_names <- bind_rows(cattle_NamesFemaleCalves, cattle_NamesMaleCalves)
rm(cattle_NamesFemaleCalves, cattle_NamesMaleCalves)

cattle_names <- cattle_names %>%
  filter(year==2022) %>%
  filter(OwnerLanguage != "__all__") %>%
  select(Name, count, Rank, sex, OwnerLanguage)

cattle_names %>% arrange(Rank, sex, OwnerLanguage) %>% head(10) %>% kable()

```

Name	count	Rank	sex	OwnerLanguage
Bella	674	1	F	de
Tulipe	88	1	F	fr
Luna	12	1	F	it
Max	633	1	M	de
Pvv	133	1	M	fr
Rambo	7	1	M	it
Sina	518	2	F	de
Bella	77	2	F	fr
Gina	10	2	F	it
Leo	545	2	M	de