

# Sample Knitr Document

```
library(tidyverse)
library(here)
library(gt)
```

```
using DataFrames
using CSV
using Chain
```

```
data = CSV.read("E:/Documents/Work/Projects/2. Work Related/PARTOMA/Data/BIRTH_OUTCOMES_-_")
```

```
first(data, 5)
```

5×198 DataFrame

Row	start Date	end Date	today Date	username String31	deviceid String
1	2021-10-11	2022-04-06	2021-10-11	hemedsalehe1369	collect:RPhEQZQNpK
2	2021-10-11	2022-04-08	2021-10-11	hemedsalehe1369	collect:RPhEQZQNpK
3	2021-10-11	2021-10-11	2021-10-11	hemedsalehe1369	collect:RPhEQZQNpK
4	2021-10-11	2022-04-06	2021-10-11	hemedsalehe1369	collect:RPhEQZQNpK
5	2021-10-11	2021-10-11	2021-10-11	hemedsalehe1369	collect:RPhEQZQNpK

194 columns omitted

```
last(data, 5)
```

5×198 DataFrame

Row	start Date	end Date	today Date	username String31	deviceid String
1	2023-11-07	2023-11-23	2023-11-07	lucy22	collect:kCEw8fHtZqHwPNn1
2	2023-11-07	2023-11-23	2023-11-07	lucy22	collect:kCEw8fHtZqHwPNn1
3	2023-11-07	2023-11-23	2023-11-07	lucy22	collect:kCEw8fHtZqHwPNn1
4	2023-11-07	2023-11-23	2023-11-07	lucy22	collect:kCEw8fHtZqHwPNn1
5	2023-10-09	2023-11-23	2023-10-09	lucy22	collect:kCEw8fHtZqHwPNn1

193 columns omitted

```
import pandas as pd
```

```
data_py = pd.read_csv("E:/Documents/Work/Projects/2. Work Related/PARTOMA/Data/BIRTH_OUTCOMES_-_")
```

<string>:1: DtypeWarning: Columns (5,27,28,29,41,42,43,45,46,47,48,49,52,54,55,56,57,58,59)

```
data_py.iloc[:, :5]
```

	start	end	...	username	deviceid
0	2021-10-11	2022-04-06	...	hemedsalehe1369	collect:RPhEQZQNpKIOQ2c4
1	2021-10-11	2022-04-08	...	hemedsalehe1369	collect:RPhEQZQNpKIOQ2c4
2	2021-10-11	2021-10-11	...	hemedsalehe1369	collect:RPhEQZQNpKIOQ2c4
3	2021-10-11	2022-04-06	...	hemedsalehe1369	collect:RPhEQZQNpKIOQ2c4
4	2021-10-11	2021-10-11	...	hemedsalehe1369	collect:RPhEQZQNpKIOQ2c4
...	...	...	...	...	...
65586	2023-11-07	2023-11-23	...	lucy22	collect:kCEw8fHtZqHwPNn1
65587	2023-11-07	2023-11-23	...	lucy22	collect:kCEw8fHtZqHwPNn1
65588	2023-11-07	2023-11-23	...	lucy22	collect:kCEw8fHtZqHwPNn1
65589	2023-11-07	2023-11-23	...	lucy22	collect:kCEw8fHtZqHwPNn1
65590	2023-10-09	2023-11-23	...	lucy22	collect:kCEw8fHtZqHwPNn1

[65591 rows x 5 columns]

```
data_py.head(5)
```

	start	end	today	...	__version__	_tags	_index
0	2021-10-11	2022-04-06	2021-10-11	...	vvAZqrd7RCNr29yjhDdxmF	NaN	1
1	2021-10-11	2022-04-08	2021-10-11	...	vj5N6kwawZz242F64HRk9B	NaN	2
2	2021-10-11	2021-10-11	2021-10-11	...	vj5N6kwawZz242F64HRk9B	NaN	3
3	2021-10-11	2022-04-06	2021-10-11	...	vj5N6kwawZz242F64HRk9B	NaN	4
4	2021-10-11	2021-10-11	2021-10-11	...	v6RZqAGn94rgDtz7CtXSkC	NaN	5

[5 rows x 198 columns]

```
data_py.tail(5)
```

	start	end	...	_tags	_index
65586	2023-11-07	2023-11-23	...	NaN	65587
65587	2023-11-07	2023-11-23	...	NaN	65588
65588	2023-11-07	2023-11-23	...	NaN	65589
65589	2023-11-07	2023-11-23	...	NaN	65590
65590	2023-10-09	2023-11-23	...	NaN	65591

[5 rows x 198 columns]