

Latihan Modul 4

Nicholas Nanda S

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Deskripsi

Ini adalah dokumen R markdown, dibuat untuk menyelesaikan tugas praktikum data science latihan modul 4.

Import Library dan Dataset

```
library(dslabs)
data("murders")
```

1. Assign pop value

Menyimpan data populasi pada variable pop

```
pop <- murders$population
pop
```

```
## [1] 4779736 710231 6392017 2915918 37253956 5029196 3574097 897934
## [9] 601723 19687653 9920000 1360301 1567582 12830632 6483802 3046355
## [17] 2853118 4339367 4533372 1328361 5773552 6547629 9883640 5303925
## [25] 2967297 5988927 989415 1826341 2700551 1316470 8791894 2059179
## [33] 19378102 9535483 672591 11536504 3751351 3831074 12702379 1052567
## [41] 4625364 814180 6346105 25145561 2763885 625741 8001024 6724540
## [49] 1852994 5686986 563626
```

Sorting data populasi

```
popSort <- sort(pop)
```

Nilai populasi terkecil

```
popSort[1]
```

```
## [1] 563626
```

2. Indeks populasi terkecil

Menampilkan indeks tiap-tiap data populasi dan terurut dari yang terkecil

```
pop
```

```
## [1] 4779736 710231 6392017 2915918 37253956 5029196 3574097 897934
## [9] 601723 19687653 9920000 1360301 1567582 12830632 6483802 3046355
## [17] 2853118 4339367 4533372 1328361 5773552 6547629 9883640 5303925
## [25] 2967297 5988927 989415 1826341 2700551 1316470 8791894 2059179
## [33] 19378102 9535483 672591 11536504 3751351 3831074 12702379 1052567
## [41] 4625364 814180 6346105 25145561 2763885 625741 8001024 6724540
## [49] 1852994 5686986 563626
```

```
order(pop)
```

```
## [1] 51 9 46 35 2 42 8 27 40 30 20 12 13 28 49 32 29 45 17 4 25 16 7 37 38
## [26] 18 19 41 1 6 24 50 21 26 43 3 15 22 48 47 31 34 23 11 36 39 14 33 10 44
## [51] 5
```