

2.1—Part-1.R

user

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```
library(jsonlite)

# Title
cat("1. Get this data in R, make it tidy and do the necessary transformations: https://www.mohfw.gov.in/

## 1. Get this data in R, make it tidy and do the necessary transformations: https://www.mohfw.gov.in/

# URL of the JSON file
url <- "https://www.mohfw.gov.in/data/datanew.json"

# Read JSON data from URL
covid_data <- jsonlite::fromJSON(url)

# Convert data to a data frame
covid_df <- as.data.frame(covid_data)

# Remove unnecessary columns
covid_df <- covid_df[, c("state_name", "new_active", "new_positive", "new_cured", "new_death")]

# Rename columns
colnames(covid_df) <- c("state", "active", "confirmed", "recovered", "deaths")

# Adding text to last row as "Total"
covid_df[nrow(covid_df), "state"] <- "Total"

# Print data frame
covid_df
```

```
##
## 1      Andaman and Nicobar Islands      8      10759      10622      129
## 2              Andhra Pradesh     168    2339491    2324590    14733
## 3      Arunachal Pradesh           2      66893      66595      296
## 4              Assam                2      746105     738068     8035
## 5              Bihar              215     851740     839221    12304
## 6      Chandigarh                 182      99760      98394     1184
## 7      Chhattisgarh              727    1178767    1163890    14150
## 8 Dadra and Nagar Haveli and Daman and Diu      1      11592      11587       4
## 9              Delhi            2876    2016101    1986680    26545
## 10             Goa*              751     261154     256389     4014
## 11             Gujarat            1947    1285490    1272480    11063
## 12             Haryana            2149    1061067    1048199    10719
```

## 13	Himachal Pradesh	1863	317432	311342	4227
## 14	Jammu and Kashmir	471	480320	475061	4788
## 15	Jharkhand	99	442734	437303	5332
## 16	Karnataka	1572	4080212	4038308	40332
## 17	Kerala***	14506	6854020	6767854	71660
## 18	Ladakh	22	29507	29254	231
## 19	Lakshadweep	0	11415	11363	52
## 20	Madhya Pradesh	198	1055401	1044426	10777
## 21	Maharashtra	4875	8151176	7997840	148461
## 22	Manipur	10	139939	137780	2149
## 23	Meghalaya	5	96799	95169	1625
## 24	Mizoram	1	238970	238243	726
## 25	Nagaland	2	35991	35207	782
## 26	Odisha	902	1338010	1327849	9206
## 27	Puducherry	325	176475	174173	1977
## 28	Punjab**	786	787251	765938	19300
## 29	Rajasthan	963	1317164	1306531	9670
## 30	Sikkim	55	44425	43870	500
## 31	Tamil Nadu	2301	3599805	3559452	38052
## 32	Telangana	196	842774	838467	4111
## 33	Tripura	0	108034	107094	940
## 34	Uttarakhand	197	450094	442140	7757
## 35	Uttar Pradesh	1498	2131067	2105917	23652
## 36	West Bengal	340	2119348	2097475	21533
## 37	Total	40215	44777282	44204771	531016