

## MTH208a: Assignment 4

Go to the following website, containing state-wise COVID numbers of India:

<https://prsindia.org/covid-19/cases>

and scrape the following information:

- Name of State/UT
- Number of confirmed cases
- Number of active cases
- Number of cured/discharged cases
- Number of deaths

Hint: you can use `html_table()`.

Calculate the death rate in each state using the formula:

$$\text{Death Rate} = \frac{\text{Number of deaths}}{\text{Number confirmed cases}} * 100$$

Then, create a new `data.frame` called `india_rates` which should contain two columns:

1. Name of State/UT
2. Death Rate of that state

The `data.frame` `india_rates` should have 36 rows and 2 columns only. Save `india_rates` in an `.Rdata` file called “covid.Rdata”. Upload this “.Rdata” file in the GitHub repository of this assignment.