

# Class Activity 9

Your name here

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## Problem 1

- a) Use `read_csv()` to import the `desserts` data set from GitHub url. Use `glimpse` to see if the data import is alright.

```
url <- "https://raw.githubusercontent.com/deepbas/statdatasets/main/desserts.csv"
desserts <- read_csv(url)
glimpse(desserts)
Rows: 549
Columns: 16
$ series          <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ~
$ episode         <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, ~
$ baker           <chr> "Annetha", "David", "Edd", "Jasminder", "Jonatha~
$ technical       <chr> "2nd", "3rd", "1st", "N/A", "9th", "N/A", "8th", ~
$ result          <chr> "IN", "IN", "IN", "IN", "IN", "IN", "IN", "IN", ~
$ uk_airdate      <chr> "17 August 2010", "17 August 2010", "17 August 2~
$ us_season       <dbl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
$ us_airdate      <date> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
$ showstopper_chocolate <chr> "chocolate", "chocolate", "no chocolate", "no ch~
$ showstopper_dessert <chr> "other", "other", "other", "other", "other", "ca~
$ showstopper_fruit <chr> "no fruit", "no fruit", "no fruit", "no fruit", ~
$ showstopper_nut  <chr> "no nut", "no nut", "no nut", "no nut", "almond"~
$ signature_chocolate <chr> "no chocolate", "chocolate", "no chocolate", "no~
$ signature_dessert <chr> "cake", "cake", "cake", "cake", "cake", "cake", ~
$ signature_fruit  <chr> "no fruit", "fruit", "fruit", "fruit", "fruit", ~
$ signature_nut    <chr> "no nut", "no nut", "no nut", "no nut", "no nut"~
```

Does everything look good? Import the dataset with correct data types, if needed. Fix the problems, if any.

```
# your r-code
```

## Problem 2

- a) Use the appropriate `read_<type>()` function to import the datasets provided in the course webpage. Identify and fix any issues you encounter.

If you hit any errors/problems, be sure to explore them and identify the issue, even if you can't "fix" it.

```
# your code for simple 1
```

```
# your code for mild 1
```

```
# your code for tricky 1
```

The issue is that we have missing values that aren't specifically included in the rows 4 and 7 of the **original** file (so rows 3 and 6 once we load the data). We can fix this with post processing

```
# your post-processing code
```

```
# your code for tricky 2
```

Why are there state abbreviations in the latitude column?

```
# your post-processing code
```

## Acknowledgement

Parts of the activities are adapted from similar activity written by Adam Loy.