

# Weekly Summary Template

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## Tuesday, Jan 17

### ! TIL

Include a *very brief* summary of what you learnt in this class here.

Today, I learnt the following concepts in class:

1. The mosaic package is designed to facilitate the use of R in statistics and calculus instruction by providing a number of functions that make many common tasks fit into a common template
2. Matrixes are filled by column.
3. BY typing byrow = TRUE, you can have the matrix fill by row.

Provide more concrete details here. You can also use footnotes<sup>[^footnote]</sup> if you like

```
library(dplyr)
library(purrr)
```

For example: in class we learnt we learnt making matrices and how to format then to fill by row.

```
Brian <- matrix(
  c(1,2,3,4,5,6,7,8,9,1,2,3),
```

```
nrow = 3,  
byrow = TRUE  
)
```

**Thursday, Jan 19**

### ! TIL

Include a *very brief* summary of what you learnt in this class here.

Today, I learnt the following concepts in class:

1. When dealing with tidy data, each row will be unique.
2. The library dplyr helps with data manipulation.
3. Joins allow you to combine two datasets

Provide more concrete details here, e.g.,

In class we learnt how to use the `map` function to create multiple regression diagnostic plots

I will take better notes in the future. [^footnote]: You can include some footnotes here