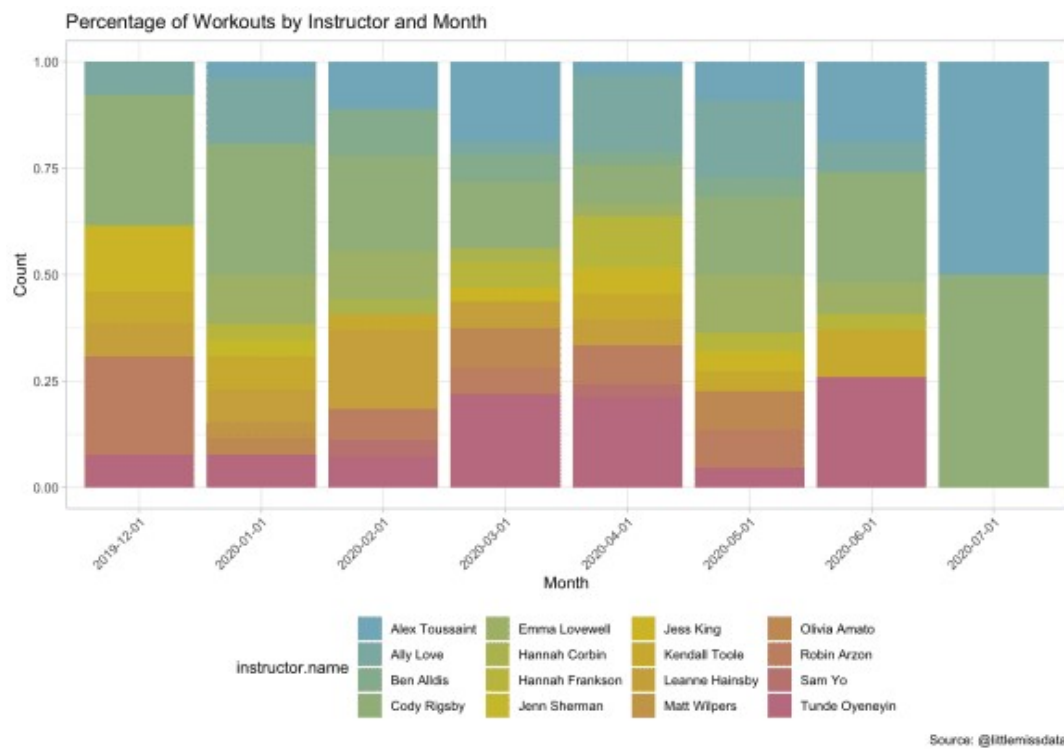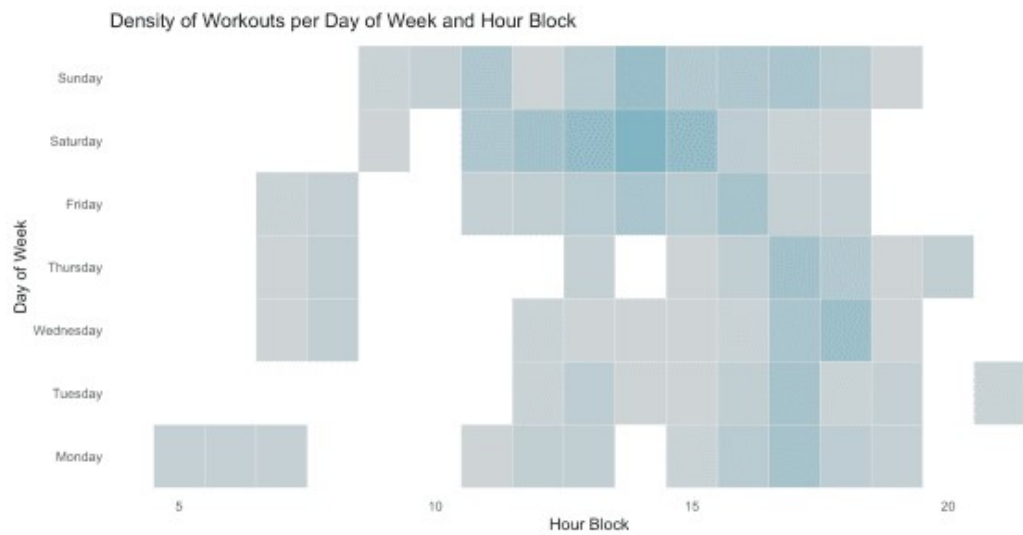# What is it?

The pelotonR package was created to provide users with simple access to the Peloton API through R.

I created the package last year to provide a set of easy to use functions which allow the user to:
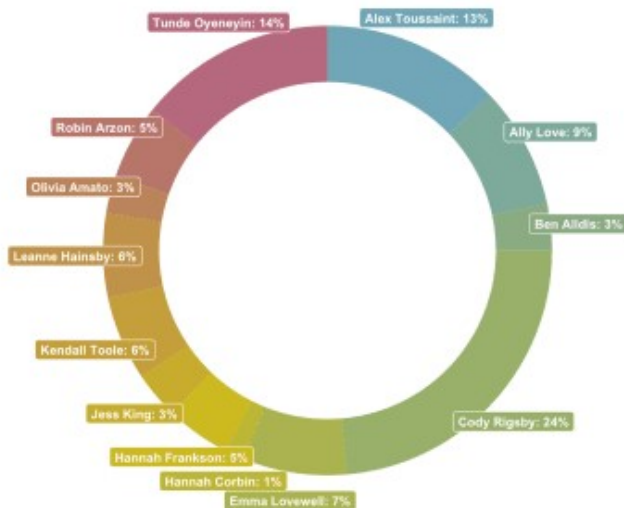
- Pull general Peloton data in a variety of formats

- Authenticate with the Peloton API

- Pull user specific data in a variety of formats when authenticated.

- Gather full data sets in one function call without having to handle paged API calls.

- Gather joined data sets in one function call.

Why is it Awesome?

Well I feel a little silly answering this question because I wrote the package. But the intent around creating the package was to allow R and Peloton users easy access to their Peloton data. The package enables users to gather their Peloton data via package functions vs loosely documented API calls. It handles paging through the API call returns to create a full data set and it will also join multiple API call returns in one function (ie instructors + workouts). Finally, I tried to include some fun dataviz examples that you can do with your Peloton data (see below).
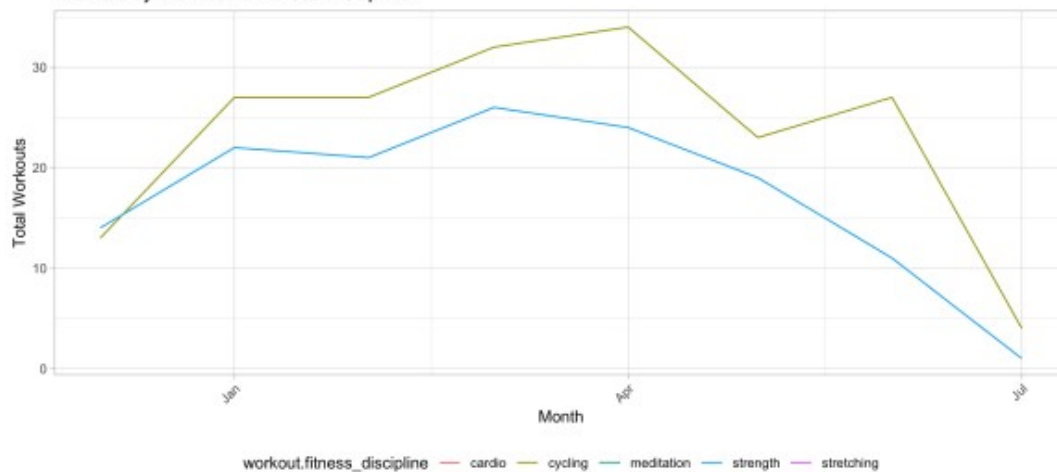
Density of Workouts per Day of Week and Hour Block

Percentage of Workouts by Instructor and Month

Source: @littlemissdata

Percentage of Workouts by Instructor

Source: @littlemissdata

Workout by Month and Fitness Discipline

workout.fitness_discipline — cardio — cycling — meditation — strength — stretching

Source: @littlemissdata

Search: _____

	class_types.id		class_types.name		class_types.display_name		class_types.fitne
1	a5953fd181914f4eb69e755e1fefffce		Family Cardio		Family		cardio
2	1fef162e27b4413facff77cc7f766ced		Dance Cardio		Dance Cardio		cardio
3	6590f6042e8e4d1d8c2f3f1a73cf1729		Theme (Bootcamp)		Theme		circuit
4	b0a7fc01affb4249aca872a046c6a344		Bodyweight (Bootcamp)		Bodyweight		circuit
5	209458d0f8c84614aa96537f7fff403f		Walking Bootcamp		Low Impact		circuit
6	3c65fba3c4a64e2db9a12776e09bc883		Body Focus (Bootcamp)		Body Focus		circuit
7	b70f0feabd7043cfa1c5f7e9f73b43d5		Heart Rate Bootcamp		Heart Rate Zone		circuit
8	919794060b734915b13ddee4e7e39084		Running Skills		Running Skills		running
9	c0681493aaeb4029b01f64a6c9ff3e0e		Warm Up/Cool Down Running		Warm Up/Cool Down		running
10	feda7eed0d8247f2868314eaa74f37fd		Fun Run		Fun Run		running
11	19efefbcf7394ff8bac0ac89a674c545		Endurance		Endurance		running

Showing 1 to 11 of 109 entries

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