**Analyze Your Runkeeper Fitness Data**

Import, clean, and analyze seven years worth of training data tracked on the Runkeeper app.

#### Project Description

With the explosion in fitness tracker popularity, runners all of the world are collecting data with gadgets (smartphones, watches, etc.) to keep themselves motivated. They look for answers to questions like:

* How fast, long, and intense was my run today?
* Have I succeeded with my training goals?
* Am I progressing?
* What were my best achievements?
* How do I perform compared to others?

I exported seven years worth of my training data from [Runkeeper](https://runkeeper.com/). The data is a CSV file where each row is a single training activity. In this project, you'll create import, clean, and analyze my data to answer the above questions. You can then apply the same strategy to your training data if you wish!

This project lets you apply the skills from [pandas Foundations](https://www.datacamp.com/courses/pandas-foundations) and [Visualizing Time Series Data in Python](https://www.datacamp.com/courses/visualizing-time-series-data-in-python).

#### Project Tasks

* 1 Obtain and review raw data
* 2 Data preprocessing
* 3 Dealing with missing values
* 4 Plot running data
* 5 Running statistics
* 6 Visualization with averages
* 7 Did I reach my goals?
* 8 Am I progressing?
* 9 Training intensity
* 10 Detailed summary report
* 11 Fun facts