**The GitHub History of the Scala Language**

Find the true Scala experts by exploring its development history in Git and GitHub.

#### Project Description

Open source projects contain entire development histories - who made changes, the changes themselves, and code reviews. In this project, you'll be challenged to read in, clean up, and visualize the real-world project repository of Scala that spans data from a version control system (Git) as well as a project hosting site (GitHub). With almost 30,000 commits and a history spanning over ten years, Scala is a mature language. You will find out who has had the most influence on its development and who are the experts.

The dataset includes the project history of [Scala](http://www.scala-lang.org) retrieved from Git and GitHub as a set of CSV files.

The skills required to complete this Project are covered in [Data Manipulation with pandas](https://www.datacamp.com/courses/data-manipulation-with-pandas) and [Merging DataFrames with pandas](https://www.datacamp.com/courses/merging-dataframes-with-pandas).

#### Project Tasks

* 1 Scala's real-world project repository data
* 2 Preparing and cleaning the data
* 3 Merging the DataFrames
* 4 Is the project still actively maintained?
* 5 Is there camaraderie in the project?
* 6 What files were changed in the last ten pull requests?
* 7 Who made the most pull requests to a given file?
* 8 Who made the last ten pull requests on a given file?
* 9 The pull requests of two special developers
* 10 Visualizing the contributions of each developer