**R Tutorials Project Plan Timeline**

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**Revision History:**

|  |  |  |
| --- | --- | --- |
| **Date:** | **Rev #** | **Revised Content:** |
|  |  |  |

**Specific Aims:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Task | Expected Duration | Best Duration | Worst Duration | Expected Start Date | Actual Start  Date | Expected Completion Date | Actual Completion Date |
| Get set up with Github and RStudio | 5 | 3 | 8 | 6/26 | 6/26 | 6/27 | 6/29 |
| Review Labs 1-3 | 8 | 5 | 11 | 6/27 | 6/27 | 6/28 | 6/29 |
| Take DataCamp Courses | 20 | 17 | 23 | 6/28 | 6/28 | 7/3 |  |
| Research DataCamp: Process of Course Developement | 30 | 20 | 40 | 7/5 | 6/29 | 7/12 |  |
| Develop Supplemental Course for Labs 1-3 | 35 | 25 | 45 | 7/12 |  | 7/19 |  |
| Review Labs 4-9 | 16 | 12 | 20 | 7/19 |  | 7/21 |  |
| Develop Supplemental Course for Labs 4-9 | 70 | 60 | 80 | 7/24 |  | 8/16 |  |
| Create R reference guide | 5 | 3 | 8 | 8/17 |  | 8/17 |  |
| Total Project |  |  |  | 6/26 | 6/26 | 8/18 |  |

Note: Duration is in hours

***Objective***

* Improve the existing STAT 217 lab assignments in R by creating a community DataCamp course that coincides with the labs

***Set up GitHub and RStudio***

* Install Git to laptop
* Create GitHub account
* Sync GitHub and RStudio
* Practice pushing changes to GitHub through RStudio

***Review Labs***

* For each Lab assignment, read the lab manual, watch pre-lab videos, take pre-lab quiz, and complete the lab practice
* Create separate file of notes for each lab: include the objectives, lab structure, R-functions used, statistical concepts used, and any additional notes

Research DataCamp- Process of Course Development

* Take existing R programming courses on the DataCamp website
* Connect DataCamp account to GitHub account
* Investigate the course-development process for DataCamp
* Create DataCamp course
* Investigate further as the development process continues.