

# Data Science For Social Good

Summer Fellowship



## Data Science For Social Good Fellowship Summer Project Plan

| Week | Activity                             | Goal  | Output  |
|------|--------------------------------------|---|---|
| 1    | Orientation                          | Make new Friends (both human and techincal)   |   |
| 2    | Project Definition & Data Discovery  | Data Audit and Exploration  | Descriptive Statistics  |
| 3    |                                      | Finalize Project Scope and Data Stories   | Project Scope and Stories   |
| 4    |                                      | Initial Data Science Pipeline Setup and Mockups (problem formulation and validation process)    | Skeleton Code (Pipeline), Mockups, Technical Plan                   |
| 5    | Code Pipeline Development            | Iteration 1 - Build End to End Code Pipeline (Focus on end-to-end shell)                        | Code (Pipeline), Initial Models (and analysis)                      |
| 6    |                                      |   | Early Results: <i>Correct but Crappy</i>                            |
| 7    |                                      | Iteration 2 - End to End Code Pipeline (Focus on feature development)                           | Feature List  |
| 8    |                                      |   | Model Interpretation  |
| 9    |                                      | Iteration 3 - End to End Code Pipeline (Focus on evaluation, results and intial front-end demo) | Results (across models, features, metrics)                          |
| 10   |                                      |   | UI Demo (if applicable) or outline of deliverable                   |
| 11   | Communications & Transition Planning | Project Report and Presentations Transition Planning  | Project Report, Presentations, Validation Plan, Implementation Plan |
| 12   | Presentations & Transition           | Final Presentations and Transition to Partner and DSaPP   | Transition Plan, Running code and demos                             |