**IV-D Collaborative Analytics**

**When: December 14th, 2017 @ 10:00 am PST (1:00 pm EST)**

**Location: WebEx/Conference Call**

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|  | **Attendee** | | **State/Org** |  | | **Attendee** | | **State/Org** | | |  | **Attendee** | | **State/Org** |
|  | Wally McClure | | Washington |  | | Alisha Griffin | | California | | |  | Jeannie Bowen | | Washington |
| **√** | Kristen Brolsma | | Minnesota | **√** | | Richard Ordowich | | ACF | | | **√** | Angela Ingram Jones | | OCSE |
|  | Craig Burshem | | Virginia | **√** | | Dennis Putze | | ACF | | | **√** | Regina Newman | | Virginia |
| **√** | Susie Gager | | Colorado | **√** | | Sushir Simkhada | | Minnesota | | | **√** | Karen Sicurelli | | New York |
| **√** | Terry Gates | | Virginia | **√** | | Megan Savage | | Minnesota | | | **√** | Joey Arthur | | ACF |
| **√** | Megan Schoor | | WA EMAPS | **√** | | Cindy Guo | | WA EMAPS | | | **√** | Kyle Lapastora | | Project Manager |
| **(List of all invited participants. √ shows actual attendees, 🖎 identifies the note taker for this meeting, E denotes person excused for meeting)** | | | | | | | | | | | | | | | |
| **Time (minutes)** | | **Subject & Presenter** | | | **Key Points** | | | | **Actual Outcome - Minutes** | | | | | | |
| 5 min | | Welcome and attendance/ Kyle | | |  | | | |  | | | | | | |
| 20 minutes | | Proof of Concept for Model Sharing/ Megan, Cindy, &Sushir   * <https://www.analyticsvidhya.com/blog/2017/09/sas-vs-vs-python-tool-learn/> | | | * Model sharing progress between Washington and Minnesota * Steps for model sharing (documents on Alfresco) | | | | * KD Nuggets newsletters with predictive analytics resources and info (Megan will send to Kyle for distribution) * Workgroup members to let Kyle and Dennis know if they cannot access Alfresco * Kyle to re-distribute PowerPoint on directions to sign up * Sushir translating SAS to R, will report out on/ document the process | | | | | | |
| 20 minutes | | Group Progress & Updates | | | * Group objectives update * Shaping Phase 2 and beyond * Pilots to develop best practices based on model predictions | | | | * Great level of detail on spreadsheet, excellent for sharing/ collaborating * Progress of proof of concept is on track * Improve collaborative documents for standardization (drop down menus in the metadata spreadsheet) * Model collaboration and model sharing is the focus of the group right now * Richard to send Kyle instructions on setting alerts, Kyle to distribute * Model > actions of enforcement officers > results, pilot best actions based on model scores to yield the most positive results * Objective of Phase 2: create the sustainable ability to share predictive models and/or data between states | | | | | | |
| 10 minutes | | CRISPDM /Richard & Dennis   * <https://en.wikipedia.org/wiki/Cross_Industry_Standard_Process_for_Data_Mining> * <http://crisp-dm.eu/data-understanding/> | | | * Cross Industry Standard Process for Data Mining framework | | | | * Group should be aware of processes and best practices * Data profiling – statistical analysis of raw data in the model * Transparency into the model, difficult to capture and document * CRISP-DM slide deck posted on Alfresco * Can be used to reference what stage we are at in model development | | | | | | |
| 5 min | | Next Steps: TBD | | |  | | | |  | | | | | | |
| **Tasks from this meeting** | | | | | | | **Assigned To** | | | **Due Date** | | | **Status** | |
| Create document for sharing models (steps) | | | | | | | Kyle | | |  | | |  | |
| Minnesota to begin looking into metadata and variables/coding | | | | | | | Sushir, Megan | | |  | | |  | |
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