

FBI Crime Data Explorer

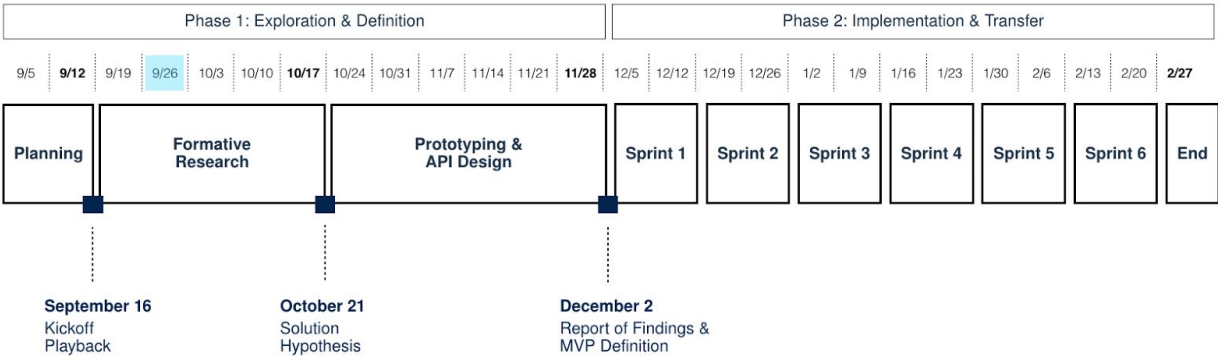
Status Report (9/30)

18F

Project plan

The project team has outlined a two-part approach for designing, building, and deploying the Crime Data Explorer (CDE). Part 1 will focus on defining the first iteration of the CDE, or minimum viable product (MVP), and Part 2 will focus on implementing features based on the product roadmap and ongoing user and stakeholder feedback.

Overall progress will be communicated through these status reports and weekly check-ins with the FBI core team.



Our next milestone is in late October, where the team will present their preliminary research findings and opportunity areas for prototyping.

Executive Summary of Activities:

This week the 18F team continued to engage prospective users, subject matter experts, and key stakeholders as part of its 5-week formative research phase. In support of these efforts 18F conducted two research trips, the first in Anchorage, Alaska to speak with local and state agencies that report UCR data, and the second to Clarksburg, West Virginia, to observe how staff (SAs and PAs) respond to a variety of information and FOIA requests around UCR data. The team will synthesize and share what was learned from these meetings with the core project team over the course of the next week.

Looking ahead, the team will continue to engage prospective users and subject matter experts, particularly within media and academia, to identify and explore opportunity areas for the CDE. Follow-up conversations with law enforcement agencies that we met at ASUCRP are also expected.

In addition to user research, 18F continues its investigation of available data (historical UCR data was just received on Friday) in order to develop a sense of what the data can and can't support

in terms of visualizations and methods of analysis. This work will continue over the next several weeks and serve as a necessary first-step towards preliminary API design.

Open Issues:

The following items require action from the FBI core team in order to help resolve:

- Sam Berhanu to confirm that LEOKA data is required for the first iteration of the CDE and if so, help 18F obtain this data.
- Dr. Howard Snyder (BJS) to provide 2012-2013 summary data for the BJS table-building tool. Dr. Snyder also to provide 18F with available analytics for the table-building tool site and survey results.
- 18F and the UCR teams to discuss obtaining historical NIBRS data. Currently, the team only has access to 2014 and 2015 data.
- Connect 18F with points of contact within the FBI that perform user research, surveys, or outreach, in support of existing UCR web services. (Sammy D.)
- Connect 18F will points of contact within the Office of Public Affairs to discuss the possibility of using social media (i.e. Twitter) to recruit research participants and to gather existing brand/style requirements for the CDE. (Sammy D.)

Key Risks

- **Managing expectations:** There are many stakeholders involved in this project and different perspectives on what the CDE should do and why. Aligning around what is both feasible and of highest value to users will be key to achieving the best possible result and managing expectations going forward.
- **Limited opportunity:** The CDE is limited to *presenting* the data that's available from the FBI. It will not directly affect the volume, quality, or timeliness of the data it displays.
- **Dealing with uncertainty:** There is uncertainty around what data will be available, what it can support, and how it will be updated.
- **Agile, user-centered design, and open data:** 18F works in a way that may be new to the FBI and present organizational and cultural challenges.
- **Providing visibility around decision-making and approval:** How might shared responsibilities among the project core team, the FBI's ATO process and the Office of Public Affairs influence our ability to make decisions in a timely manner?