

FBI Crime Data Explorer

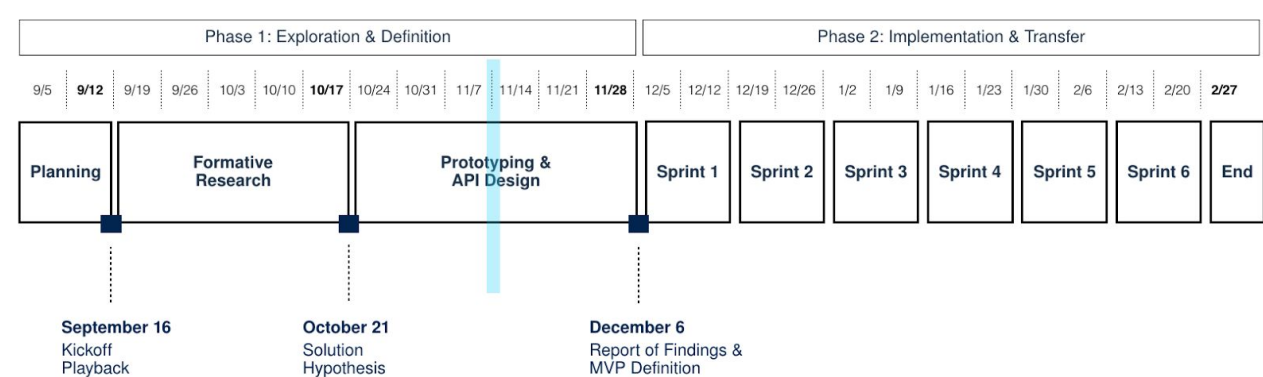
# Status Report

## (11/11)

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.

## Executive Summary of Activities:

Last week 18F shared the key learnings from its first prototyping sprint with the FBI and outlined its plan for sprint 2. While the first round of prototyping explored the needs and preferences of advanced users, such as data journalists, the current sprint will focus on how the general public expects to search for and interact with uniform crime data. Research and testing to date suggest that people who regularly work with data value easy access to it above all else. These individuals want to download what they are looking for as a largely unedited CSV or JSON file so they can conduct their own analysis outside of the CDE. Meanwhile, less advanced users require a more “guided experience” that highlights key aspects of the data through simple charts and graphs. Even though these two groups will likely take different paths to the data, we believe that maps and being able to search for and compare results by location will be an important aspect of both the “novice” and “advanced” experiences.

In addition to shaping the visual design and user experience for the CDE, Sprint 2 will explore how real UCR data responds to location-based search and filtering by incident and offense. Specifically, the team seeks to better understand the level of granularity the data can reliably

support and how it can best address its apparent limitations. Continued API design will run parallel with these efforts.

Looking ahead, the team is planning two user testing sessions this week - Monday, Nov. 14 and Thursday, Nov. 17. Members of the 18F team also plan to be onsite at CJIS on Thursday and Friday to conduct some of the testing in person and to share what has been learned so far. Next week the team will start its third and final sprint and begin preparing for the capstone meeting for the research/prototyping phase, which is tentatively scheduled for Tuesday, December 6.

## Timeline & Approach for Prototyping:



## Open Issues:

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

- Larry to work with Lori to determine the meeting and technology logistics for the onsite testing scheduled for this Thursday and Friday at CJIS.
- Larry to work with Sammy and Lori to finalize the dates for the next milestone meeting, which is tentatively scheduled for early December. The team should also discuss who from the FBI/DOJ should attend this meeting and it's likely format.

## 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 ways that are new to the FBI and may 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?