Motivation
Aging causes physical and cognitive changes that influence how we interact with the world around us. As personal data becomes increasingly available, older adults can use this information to better understand these changes and adapt.

Reflecting on Information
I created visualizations of mouse pointer data to help older adults become more adept at using a personal computer.

Design Considerations
- Familiarity (leverage visual metaphors)
- Simplicity (focus on the important information)
- Functionality (clear purpose, important to participants)

Exploratory User Study
Goal: Introduce the concept of data visualization, and gather reactions and feedback about visualizing personal information
1) Method: Interviews, experience prototyping
   Participants: 4 regular computer users
2) Method: Demo & feedback, direct observation
   Participants: 12 beginning computer users + class teacher and aide

Findings
1) Visualizations are an exciting experience for older computer users
2) Purpose and functionality are the most important factors
3) In evaluations, the best scenarios are those that older adults can and want to identify with

Future Directions:
- Visualizing performance for formative learning feedback
- Presenting information for self-reflection in everyday life
- Visualizing pointer performance to aid detection of cognitive change

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