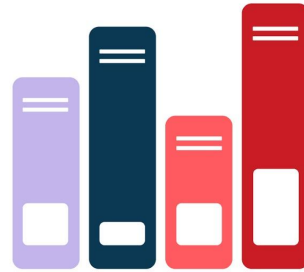


# Stacks

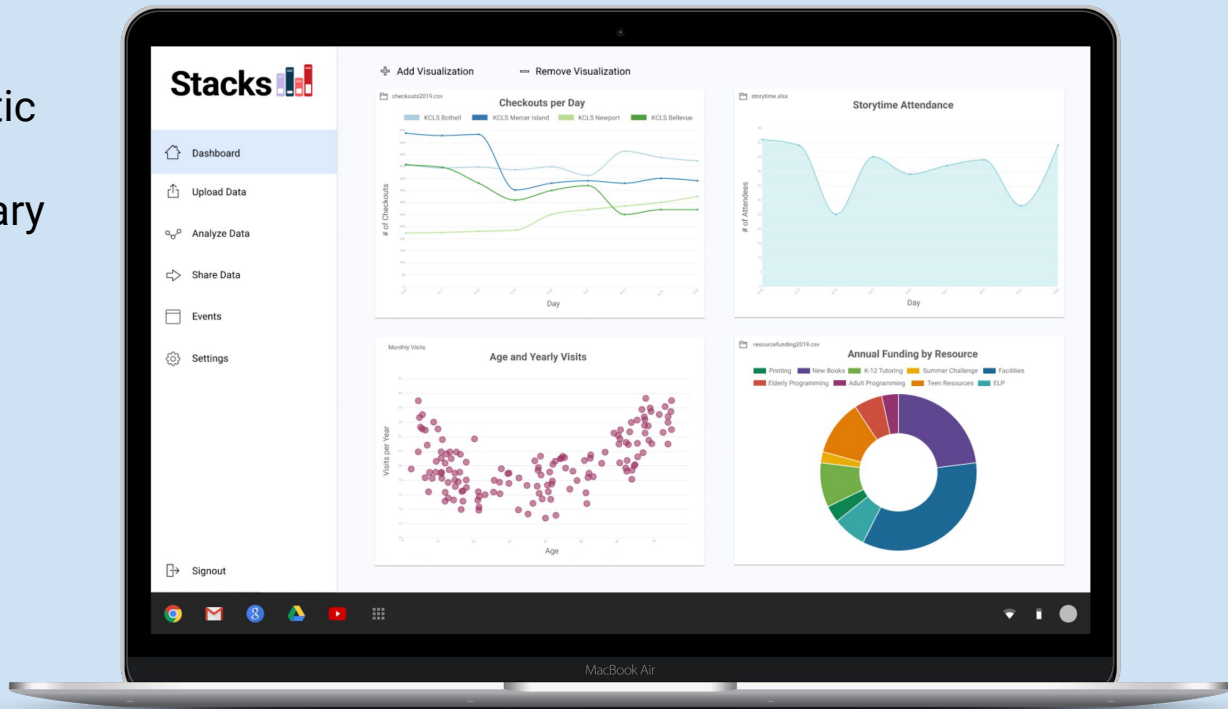


**Team Literate**

Ashley, Espen, Nigel, Jamie

# Project Description

**Stacks** enables librarians to create, view, and update analytic visualizations of library data, providing key insights into library resource usage.



# User Research Findings

## Key Interview Findings:

1. Librarians input data into spreadsheets
  - a. No current interface for librarians to interpret and analyze data
2. Librarians use multiple interfaces when booking rooms for various events
  - a. causes “large room for human error” when scheduling library events
3. Librarians indicated worry about decreased library relevancy due to a rise of popularity from other forms of media (movies, streaming, e-books)



Observational Study at Library

# Librarian Persona

## Brian Reed



### Demographics

Age: 35

Education: Masters Degree

Marital Status: Single

Location: Seattle

### Defining Traits

1. Perfectionist
2. Plans everything
3. Embraces challenges
4. Loves to learn

### Scenario

Brian is an Adult Services Librarian working at the central library in downtown Seattle branch. He's been working there since the start of his career and enjoys how different every day at work is. Brian works in the adult section, a wide variety of resources that range from cooking to computer science.

Prior to the library opening Brian replies to emails, manages his schedule, plans his daily tasks and attends meeting.

During opens hours, most of his time is spent working the reference desk. At the reference desk he needs to be prepared to answer a huge variety of questions from patrons. This requires him to have a working knowledge of a large swath of material. When he's not at the reference desk, Brian runs classes and programming and technical literacy for adults.

Brian wants to find a better way to stay up-to-date on the most recent changes within his library and the adult section.

### Desires

1. Aspire to have an impact and purpose within the community
2. Seek to provide valuable resources to the community
3. Increase awareness for lesser known resources

### Needs & Goals

1. Provide relevant help to patrons
2. Stay up to date on his section
3. Quickly respond to patrons
4. Help adults gain valuable skills
5. Manage collection easily
6. More cool new resources
7. Build Partnerships
8. Quick reference software

### Technology

Email / Communication



Reference Tools



Technical Software



### Pains

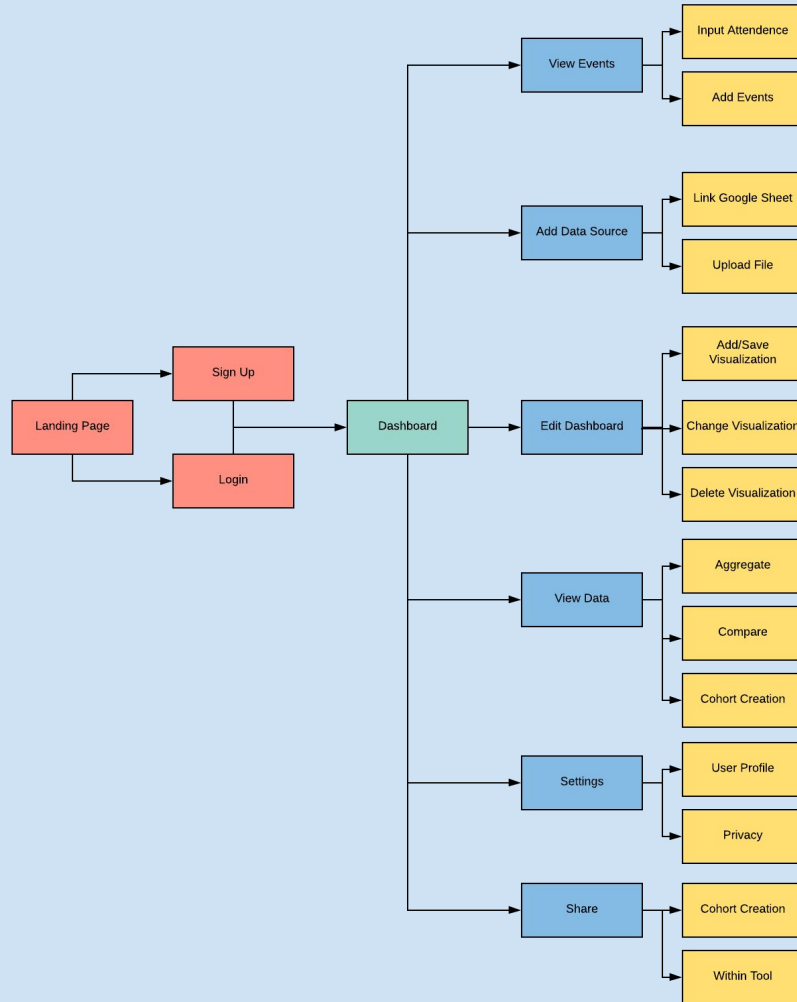
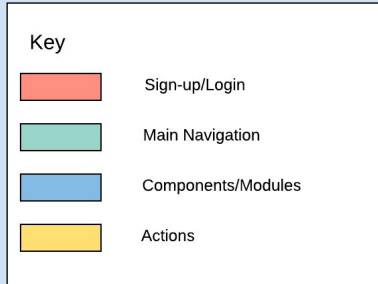
1. Budget constraints
2. Low attendance for classes
3. Decreasing relevancy

# Key Design Requirements

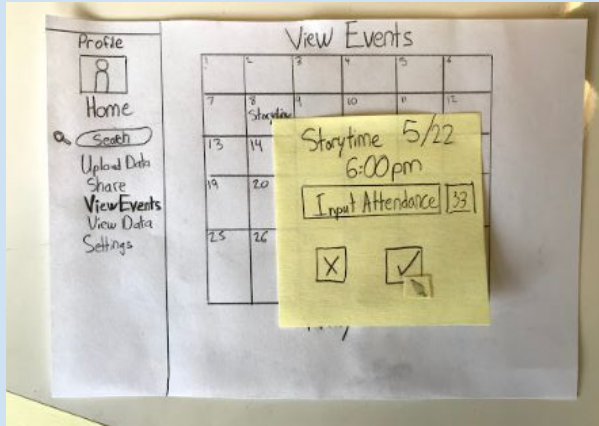
User must be able to:

- View summary data on resource usage
- Aggregate data freely on different criteria
- See data over a long period of time for their location
- See and compare visits, checkouts, and event attendance
- Share created visualizations with fellow librarians

## Information Architecture



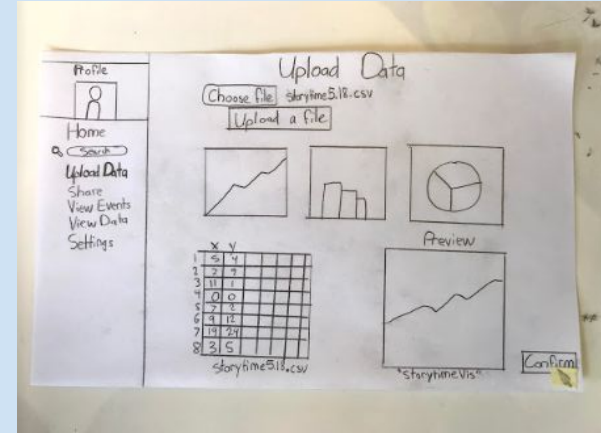
# Paper Prototype



Events Interface



Dashboard



Uploading Data

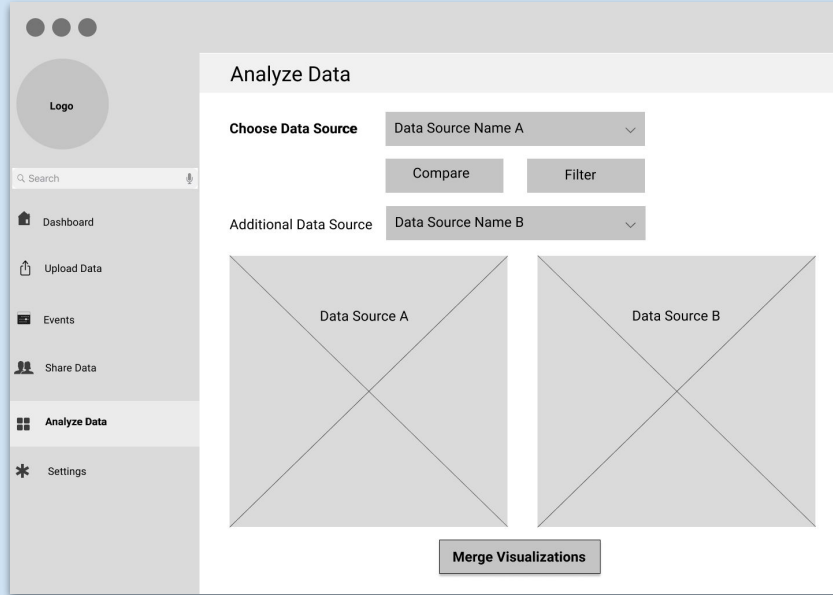
# Feedback from Librarian Usability Testing

1. Link names need to be clear on sidebar
2. More status indicators: selected options need to glow or be bolded to indicate that they have been selected
3. Need to add a button to confirm the user created a new event
4. Add more labels/title to dashboard visualizations

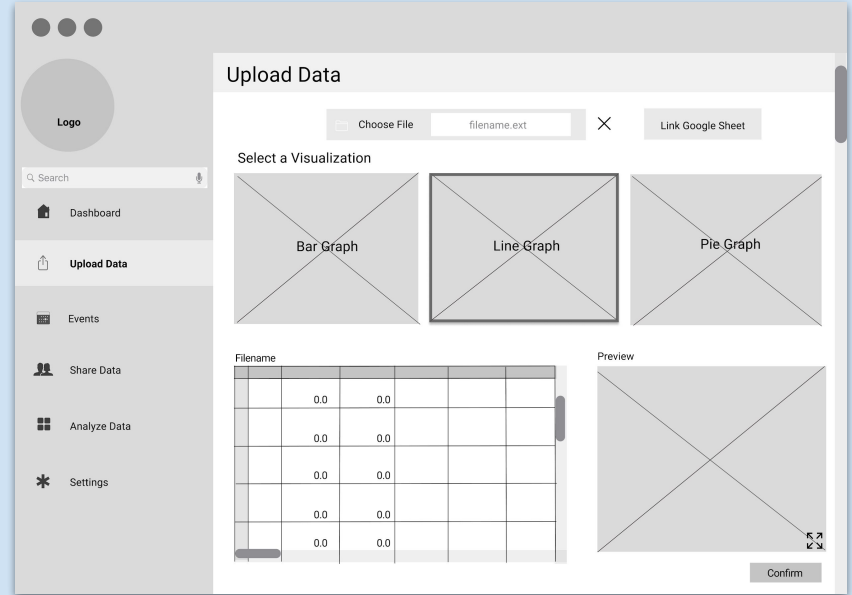




# Wireframes

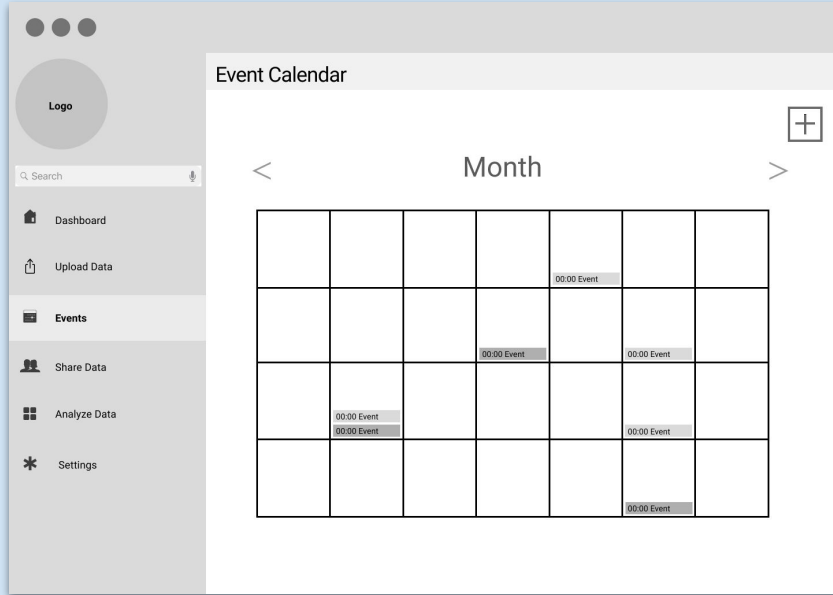


Analyze Data

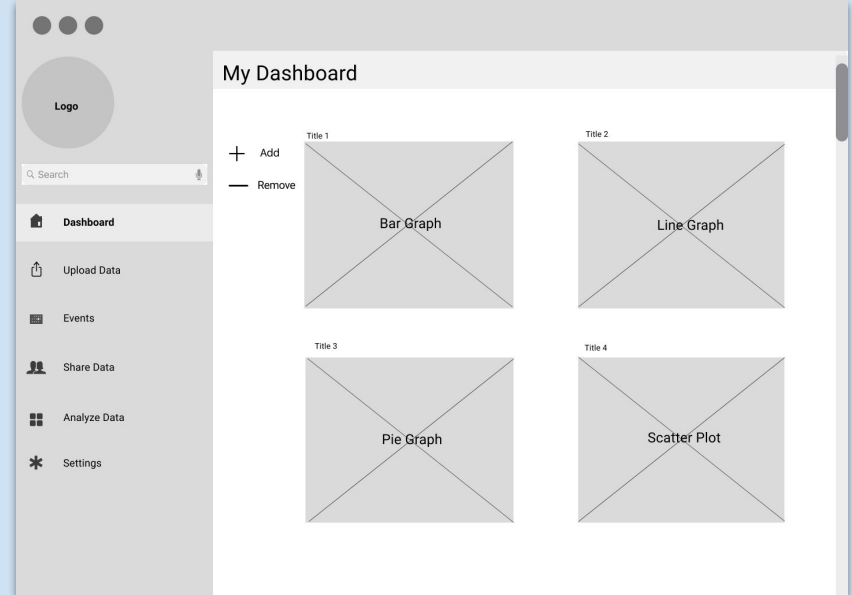


Upload Data

# Wireframes



Events Interface



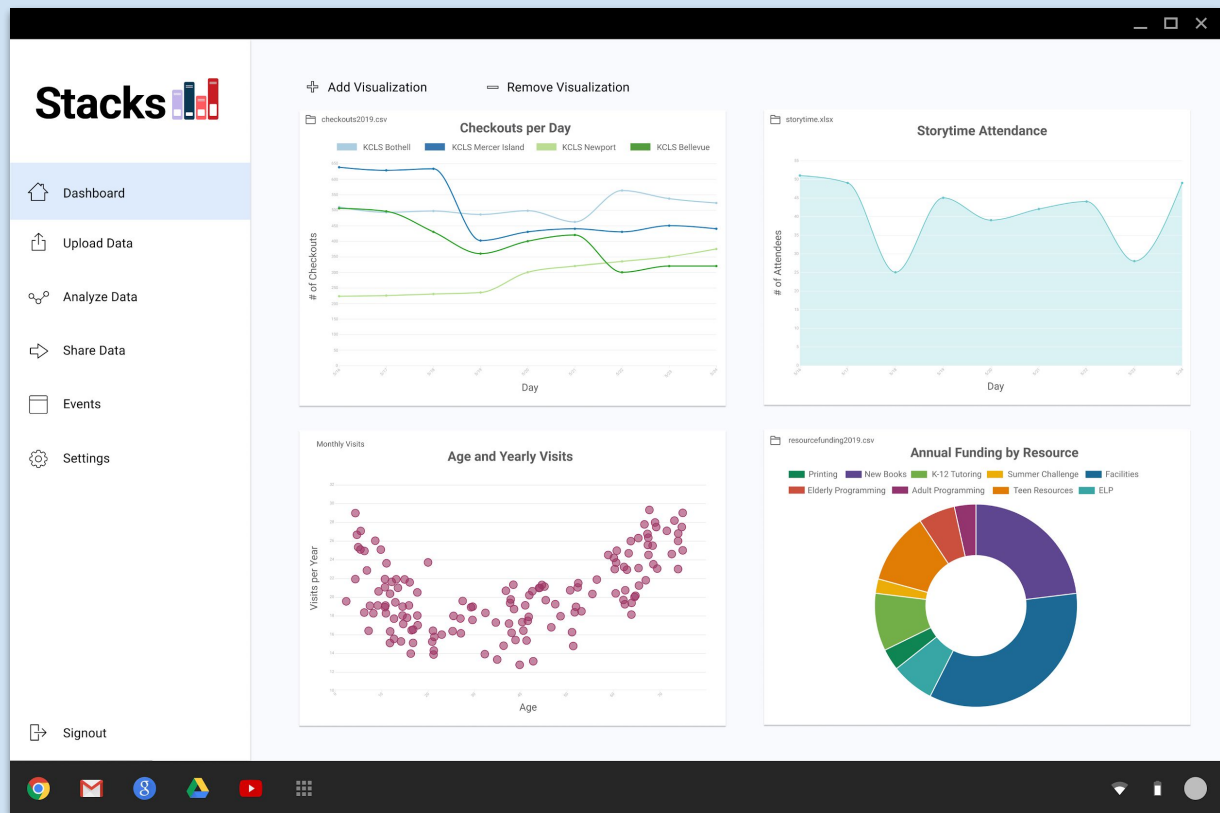
Dashboard

# High Fidelity Mockups

# Dashboard

## Events

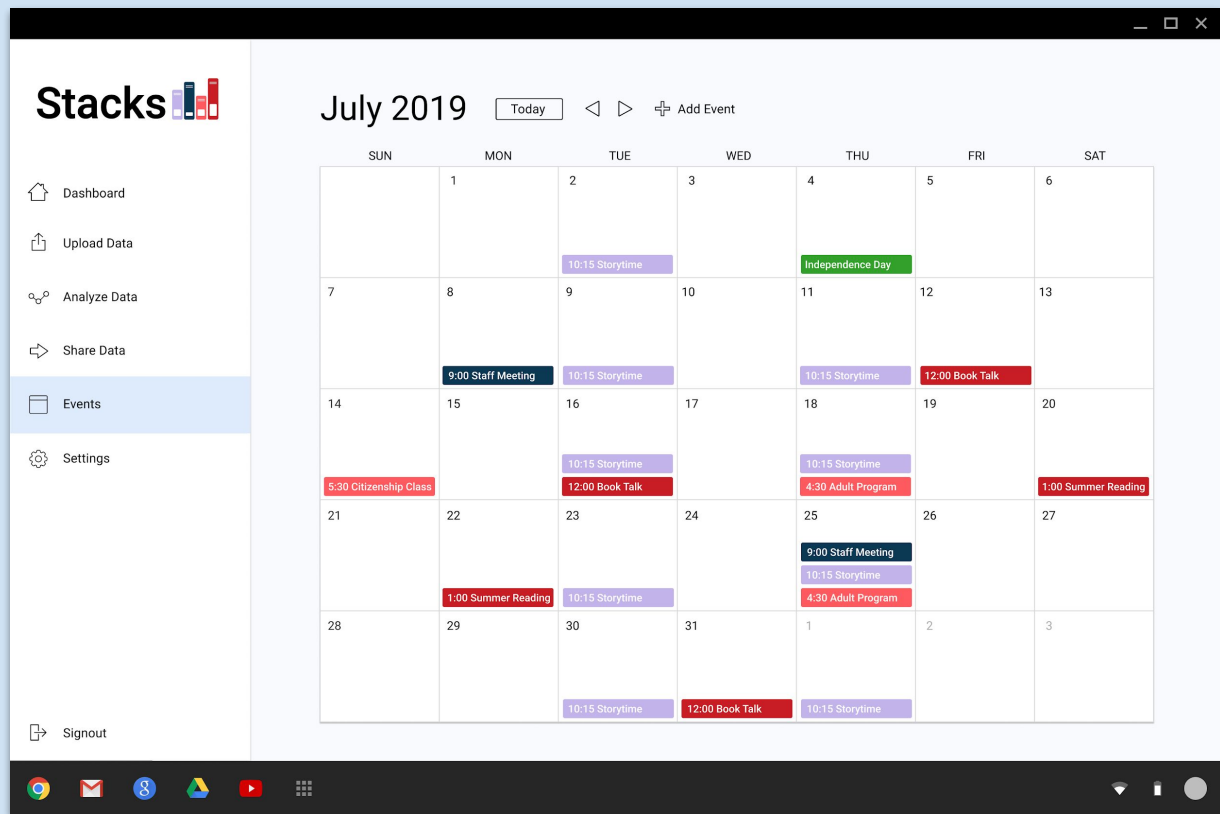
## Analyze Data



# Dashboard

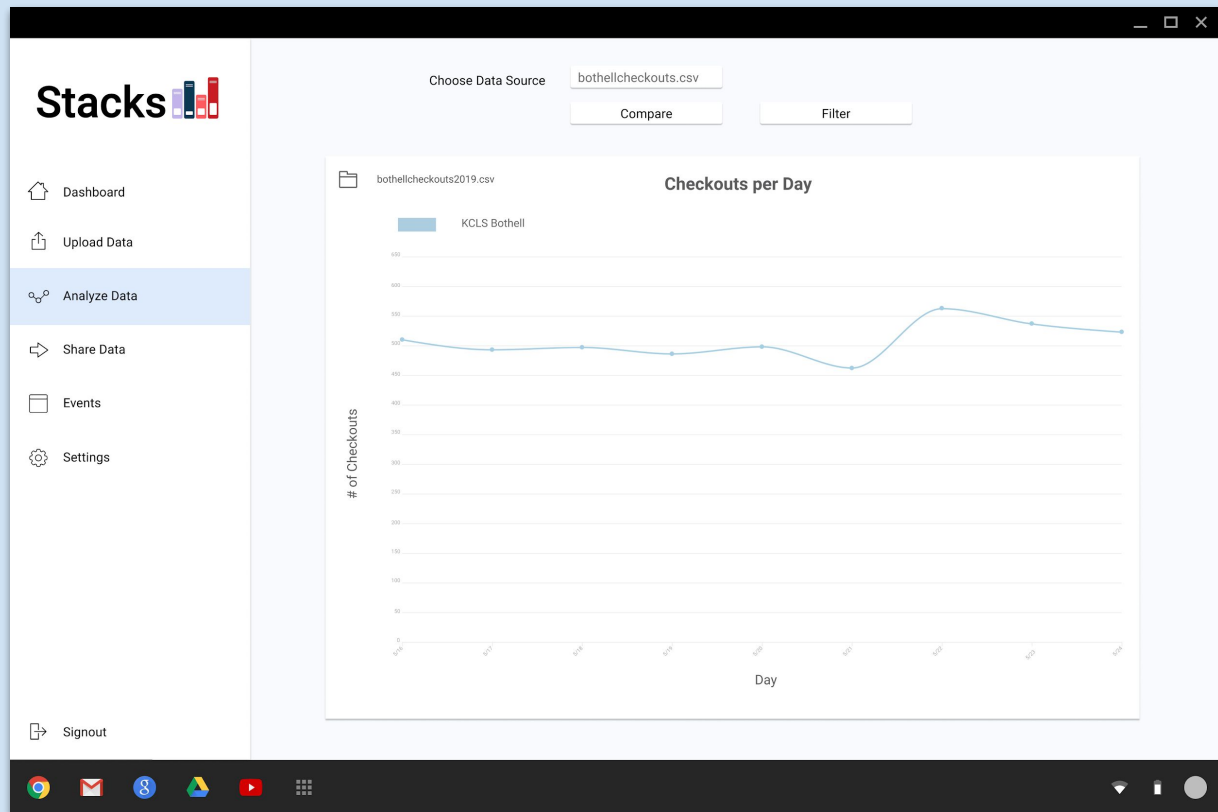
## Events

### Analyze Data



# Dashboard Events Analyze Data

Choose Data Source  
Compare Data Sources  
Merge Data Sources

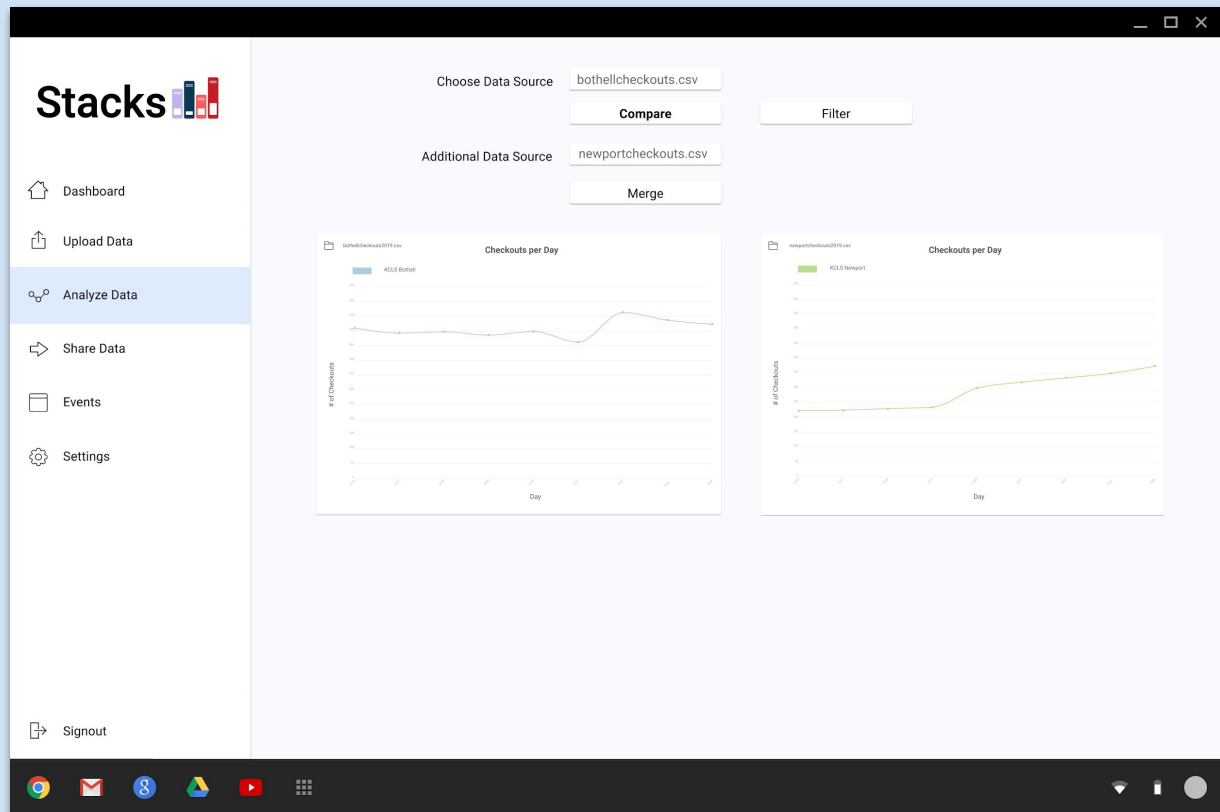


# Dashboard Events Analyze Data

Choose Data Source

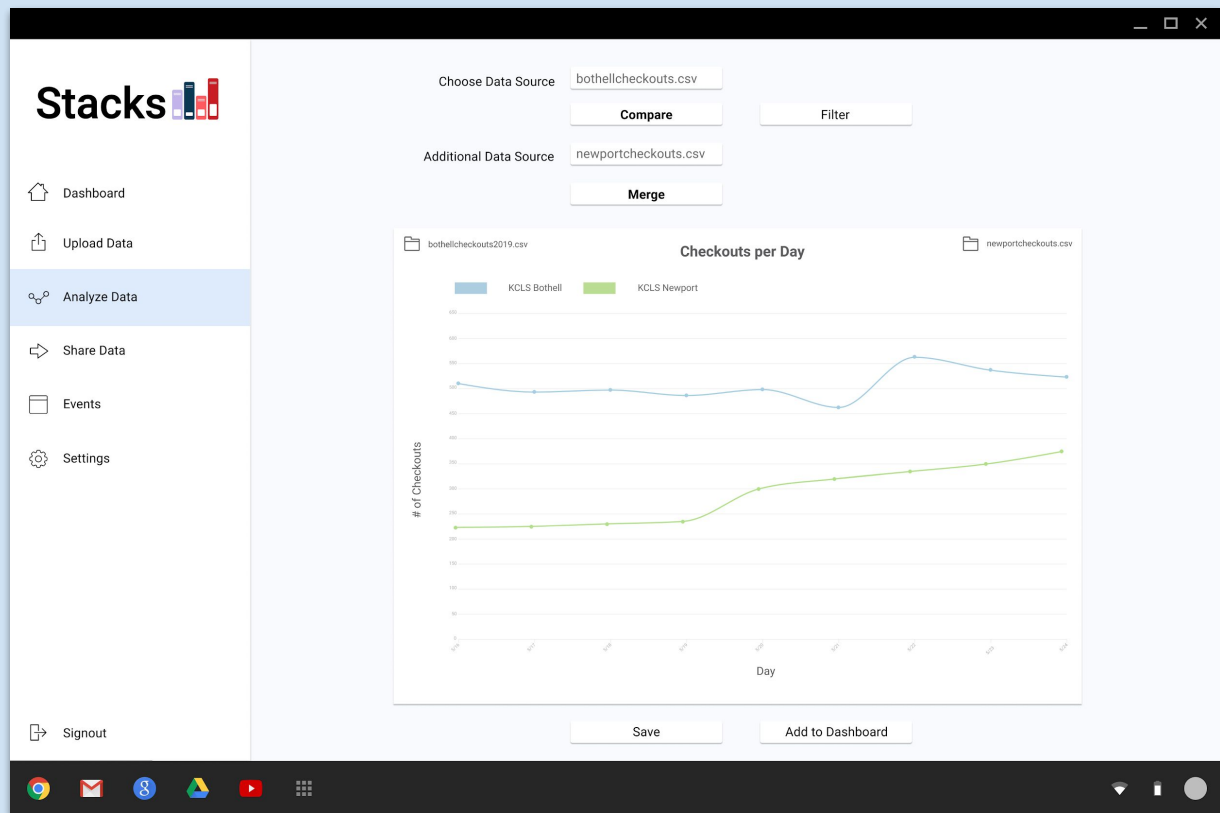
**Compare Data Sources**

Merge Data Sources



# Dashboard Events Analyze Data

Choose Data Source  
Compare Data Sources  
Merge Data Sources





**Questions?**