

**MICHIGAN STATE**  
**U N I V E R S I T Y**

# Alpha Presentation

## Visualizing Dynamic Data Exploration

### The Capstone Experience

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Fall 2016



*From Students...*  
*...to Professionals*

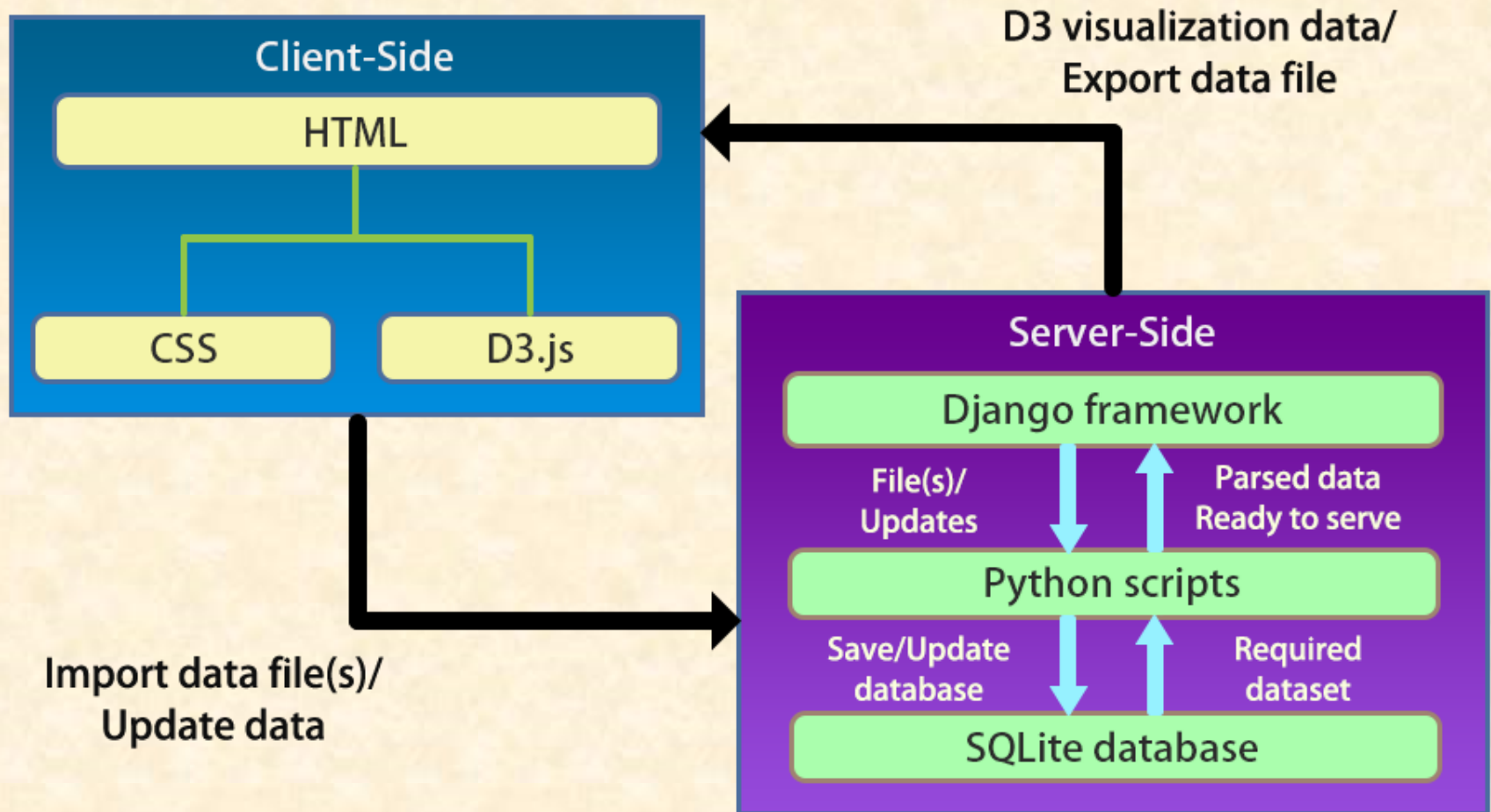
# Project Overview

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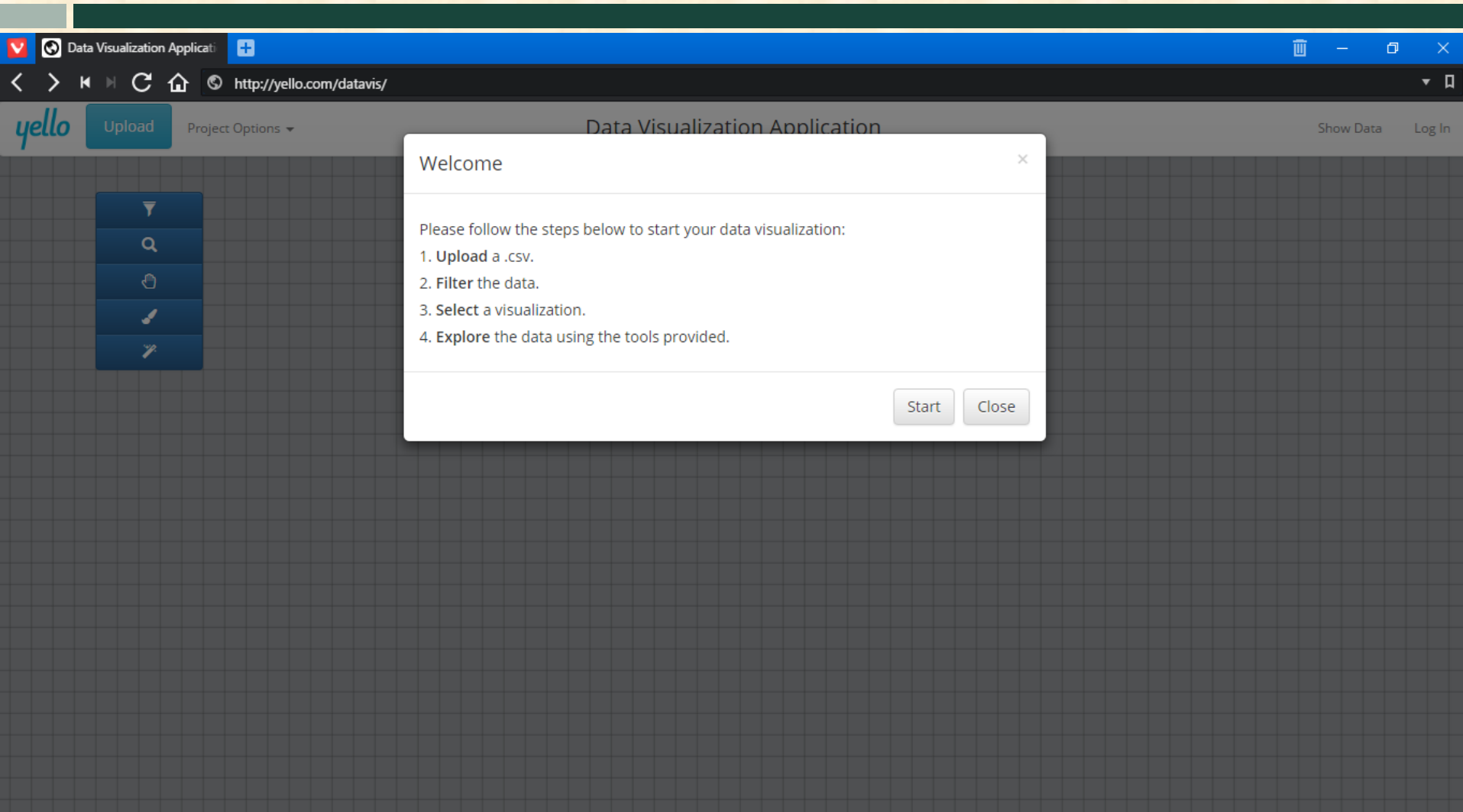
- Make large amounts of complex data easy to understand in a visual manner
- Make the application's canvas the focal point of use
- Available and unobtrusive toolbars



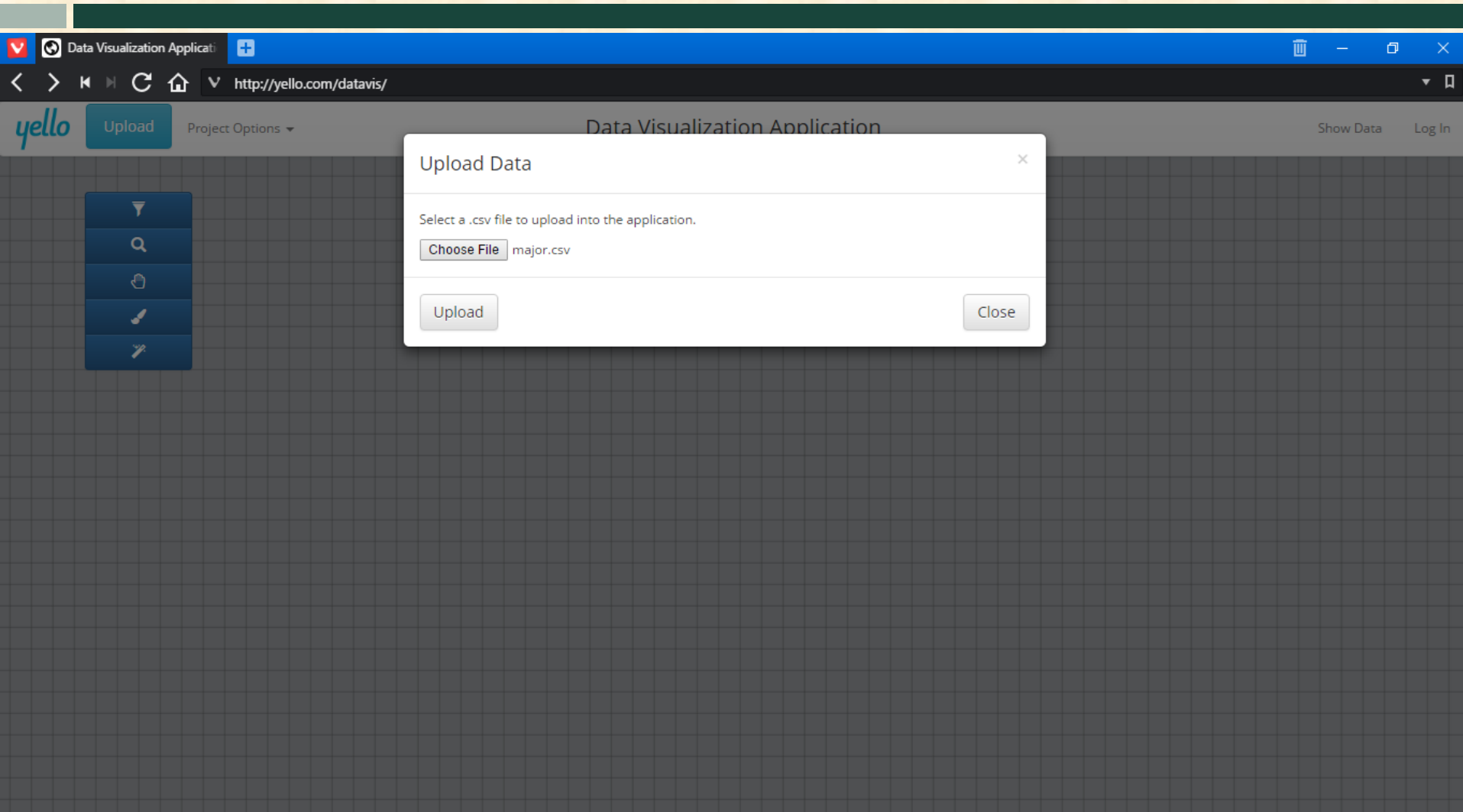
# System Architecture



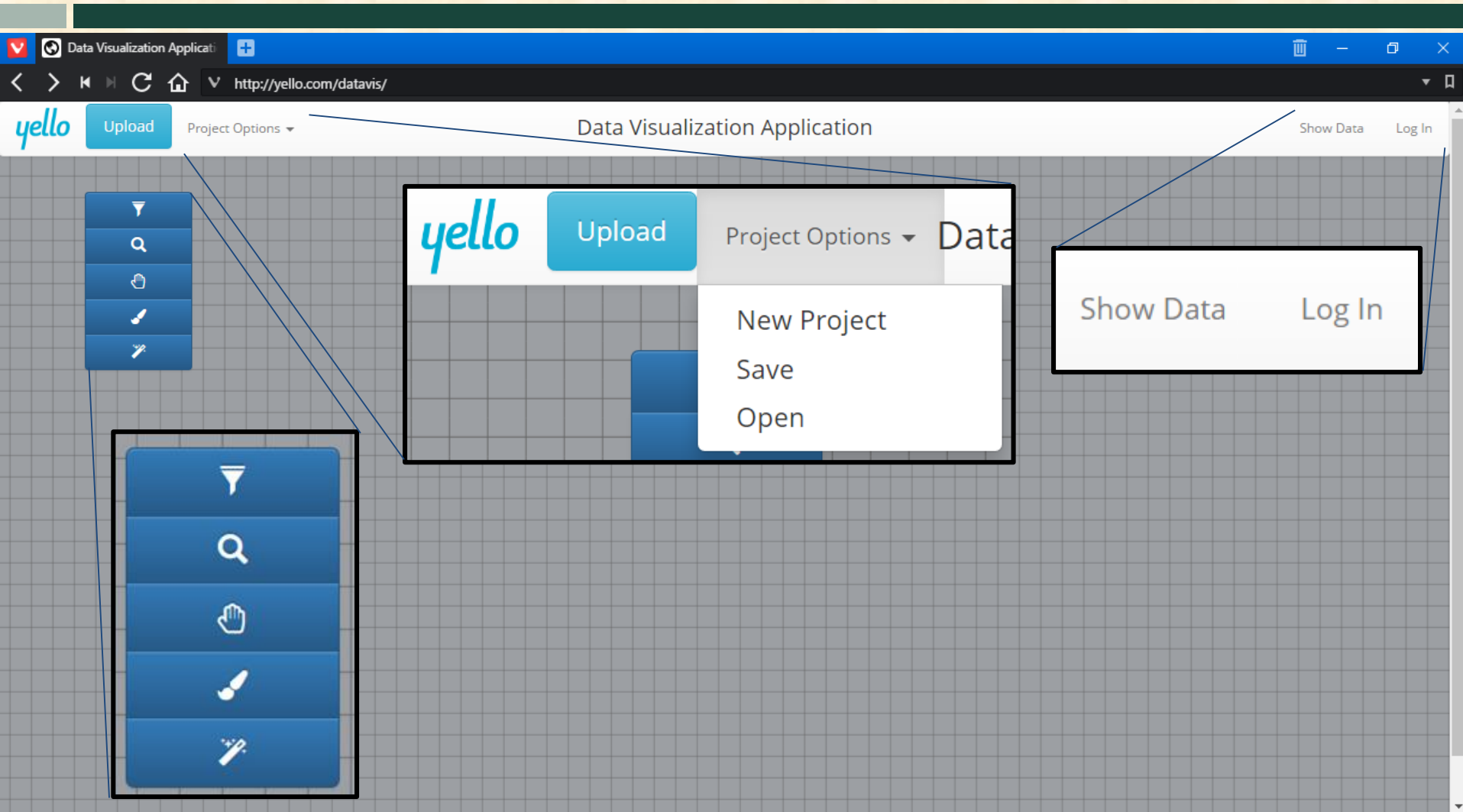
# Introduction



# Upload File



# Main Page



# Filter

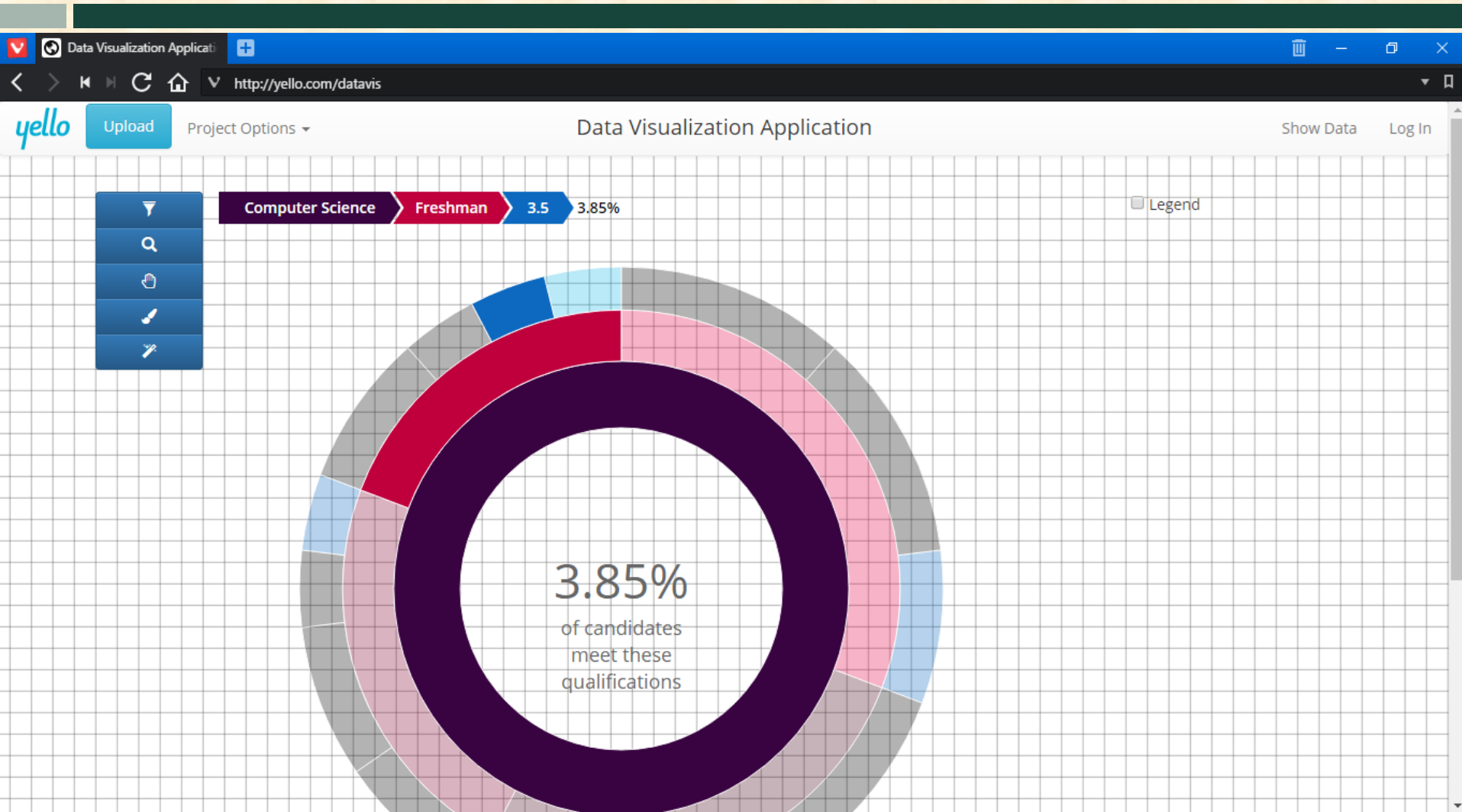
The screenshot displays the Yello Data Visualization Application interface. A modal dialog titled "Filter Data" is open, allowing users to select columns to include in the data-visual. The dialog contains the following elements:

- Select which columns you would like to include in the data-visual.**
- Buttons for **Major**, **Year**, and **GPA**.
- Filter by other options:**
- A search bar with a dropdown labeled "Filter by" and a text input field labeled "Search term...".
- A **Submit Changes** button at the bottom right.

The background shows a donut chart visualization with segments in blue, red, and black. The application's header includes the Yello logo, an "Upload" button, "Project Options", and "Data Visualization Application" title. The top right corner has "Show Data" and "Log In" links. The browser's address bar shows "http://yello.com/datavis".



# Diagram





# What's left to do?

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- Log in
- Choose diagram
- Export file
- Zoom in & out
- Move
- Change color
- Select

# Questions?

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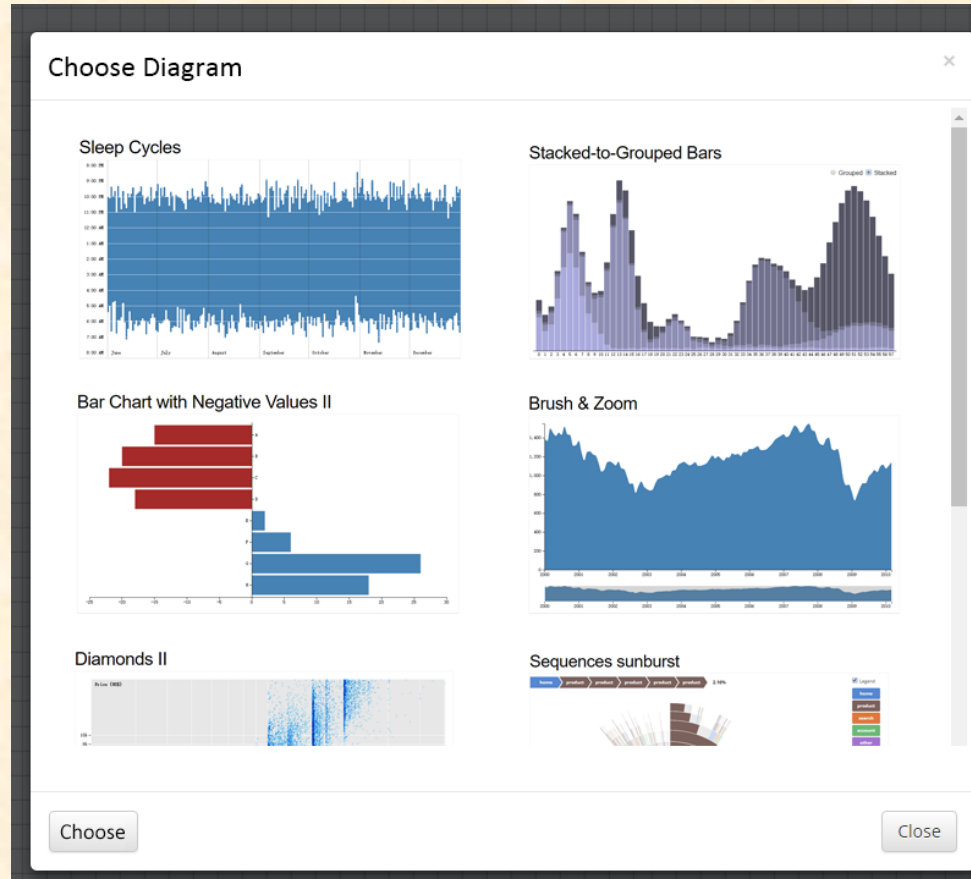
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# Choose Diagram



# Log In

Data Visualization Application

http://yello.com/datavis/login/

## Login

Please enter your credentials to login.

yello

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Log In

