MICHIGAN STATE UNIVERSITY Beta Presentation Visualizing Dynamic Data Exploration

The Capstone Experience

Team Yello

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Department of Computer Science and Engineering Michigan State University

Fall 2016

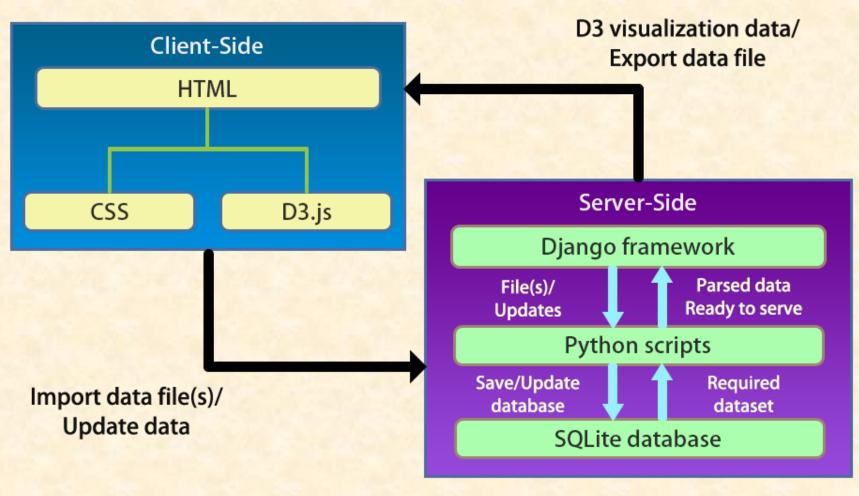


From Students... ...to Professionals

Project Overview

- Make vast 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



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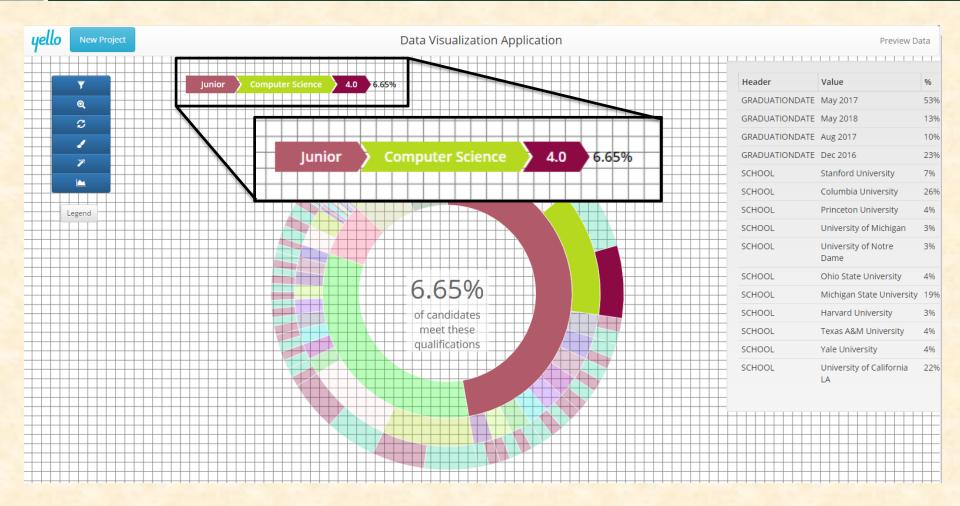
Filtering

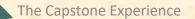
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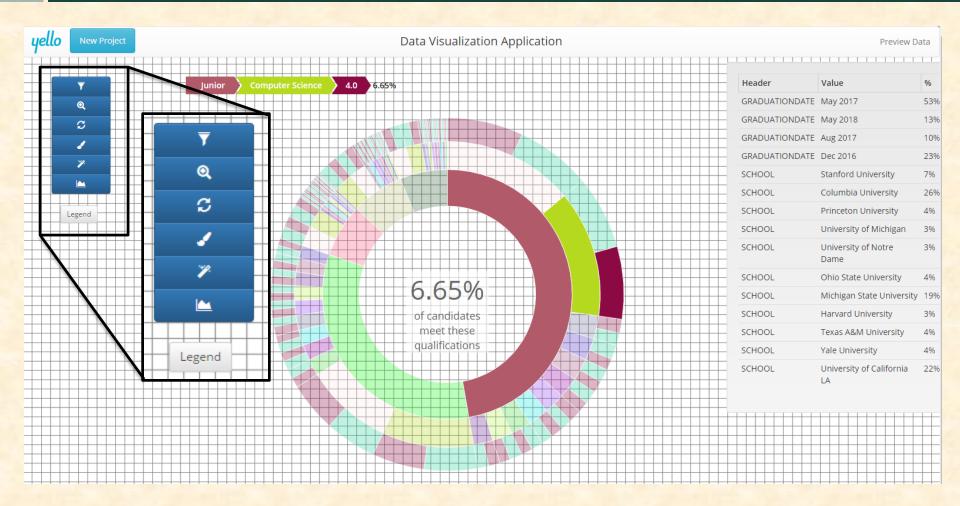
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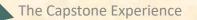
Canvas Area



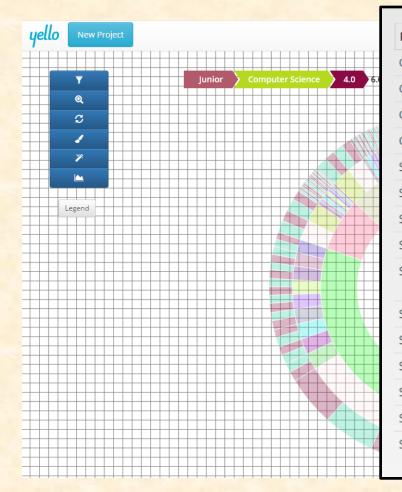


Toolbar





Additional Data Text Box



Header	Value	%
GRADUATIONDATE	May 2017	53%
GRADUATIONDATE	May 2018	13%
GRADUATIONDATE	Aug 2017	10%
GRADUATIONDATE	0	23%
SCHOOL	Stanford University	7%
SCHOOL	Columbia University	26%
SCHOOL	Princeton University	4%
SCHOOL	University of Michigan	3%
SCHOOL	University of Notre Dame	3%
SCHOOL	Michigan State University	19%
SCHOOL	Harvard University	3%
SCHOOL	Texas A&M University	4%
SCHOOL	Yale University	4%
SCHOOL	University of California LA	22%

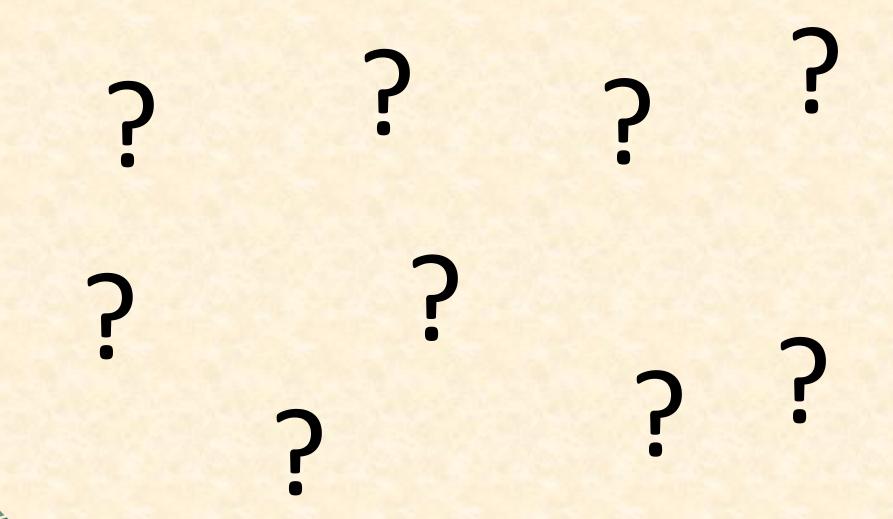
Preview Data

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What's left to do?

- UI enhancements
- Continued user testing
- Debugging

Questions?



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Team Yello Project Plan