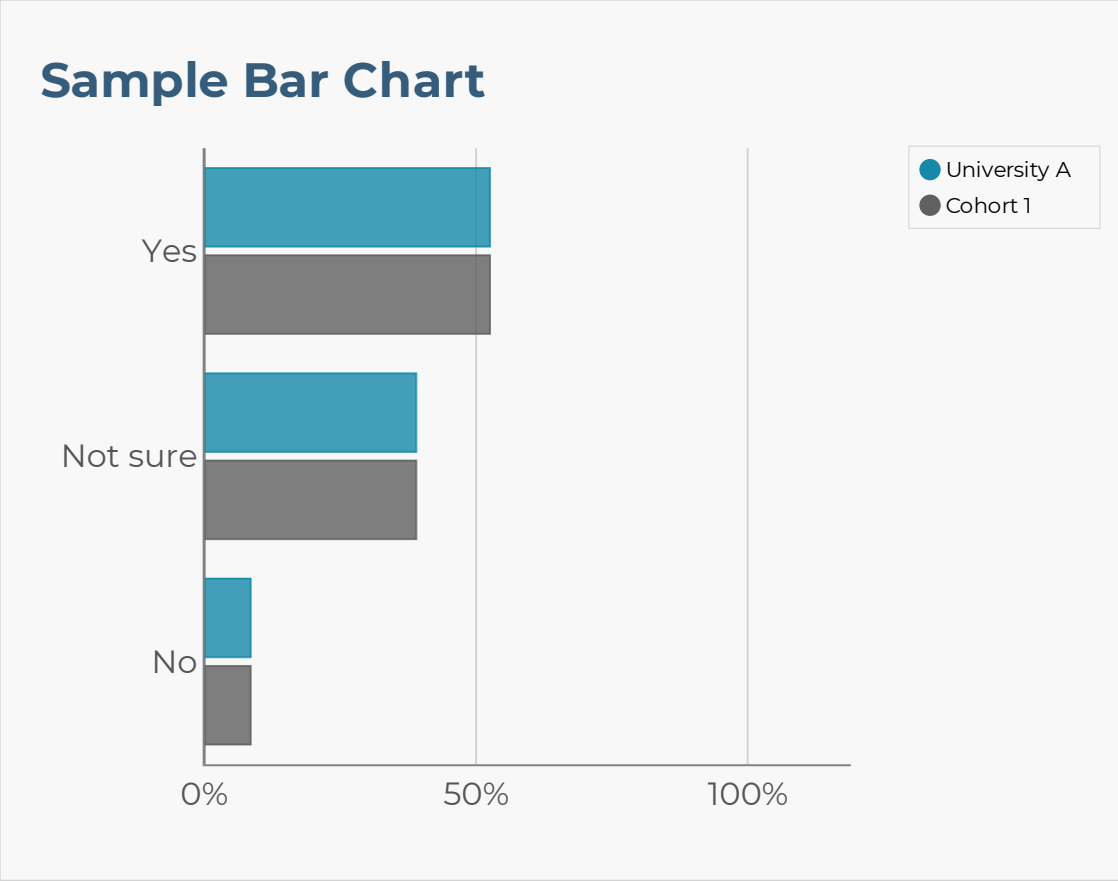
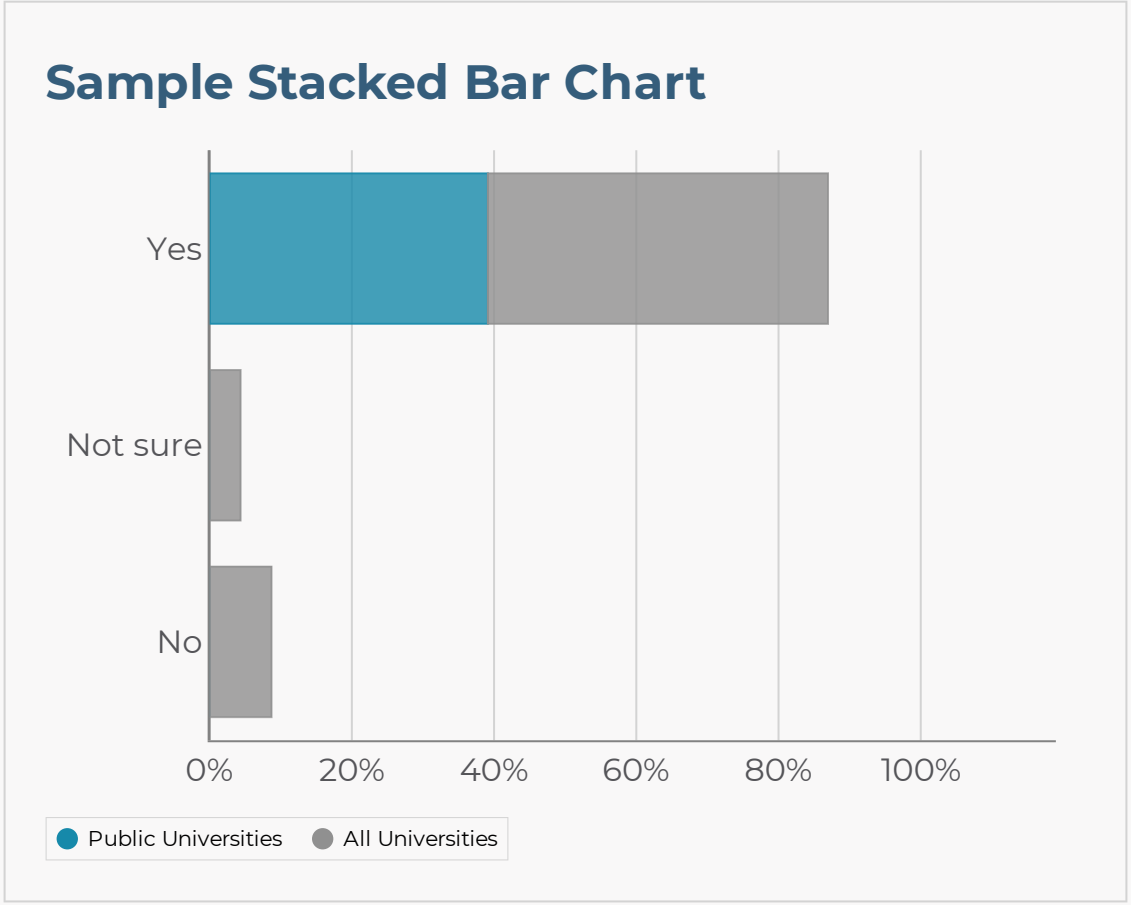
Sample Automated Presentation

- For the Center for First-Generation Student Success, Crow Insight developed an automated reporting system that allows users to create customizable presentations.
- Look through the following slides to learn more.



How It Works

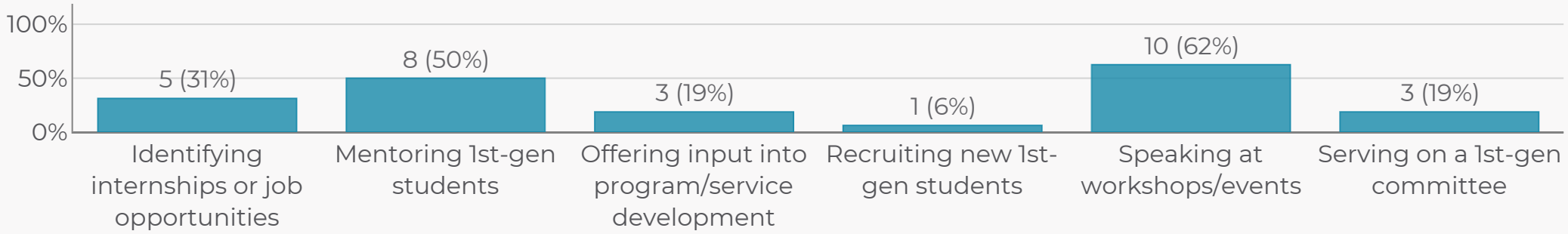
- In an Excel file, users specify the content and format for each slide in a presentation.
- This file is uploaded into the application, which then translates the uploaded files into a downloadable PDF.



Text Formatting

- Users write text in markdown, which is then translated into HTML and converted into a PDF.
- Using markdown, users can style text using markdown syntax, enabling them to **bold** or *italicize* text as they wish.

Horizontal Bar Chart



Adding Charts into Presentations

- When viewing the accompanying dashboard, users can copy a chart settings dictionary.
- Users can specify what charts they want to include in the report by pasting this dictionary into the Excel file.
- The application parses the dictionary, generates the chart, and embeds it into the presentation.

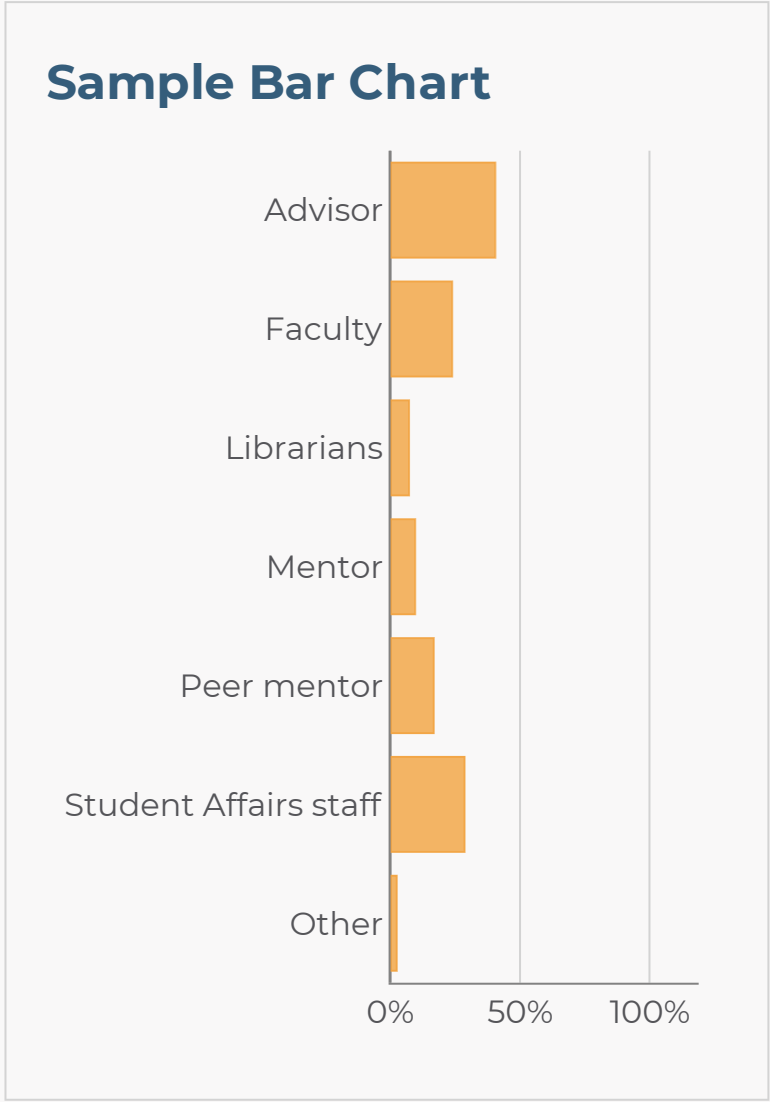
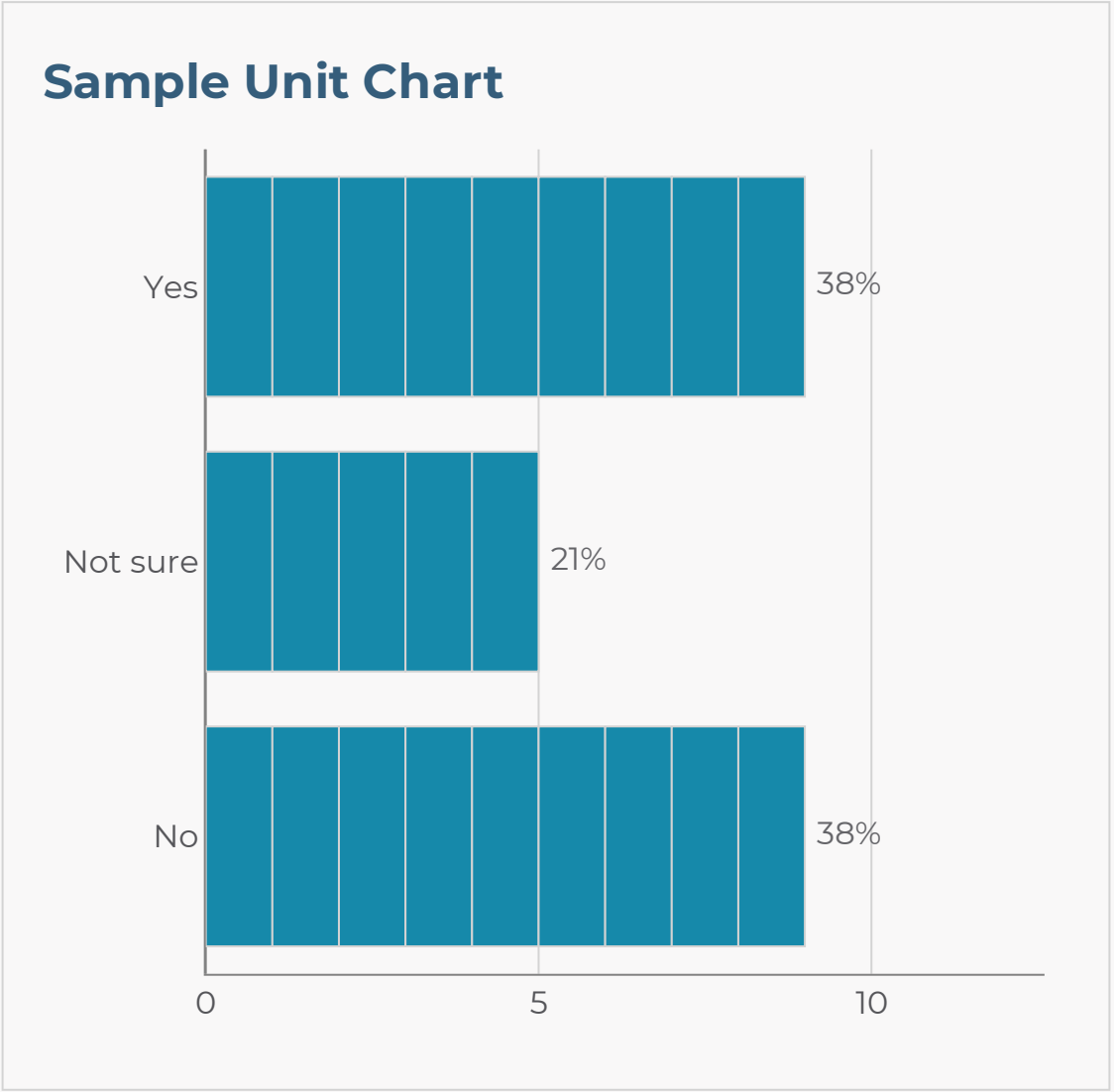


Chart Customization Features

Users are able to:

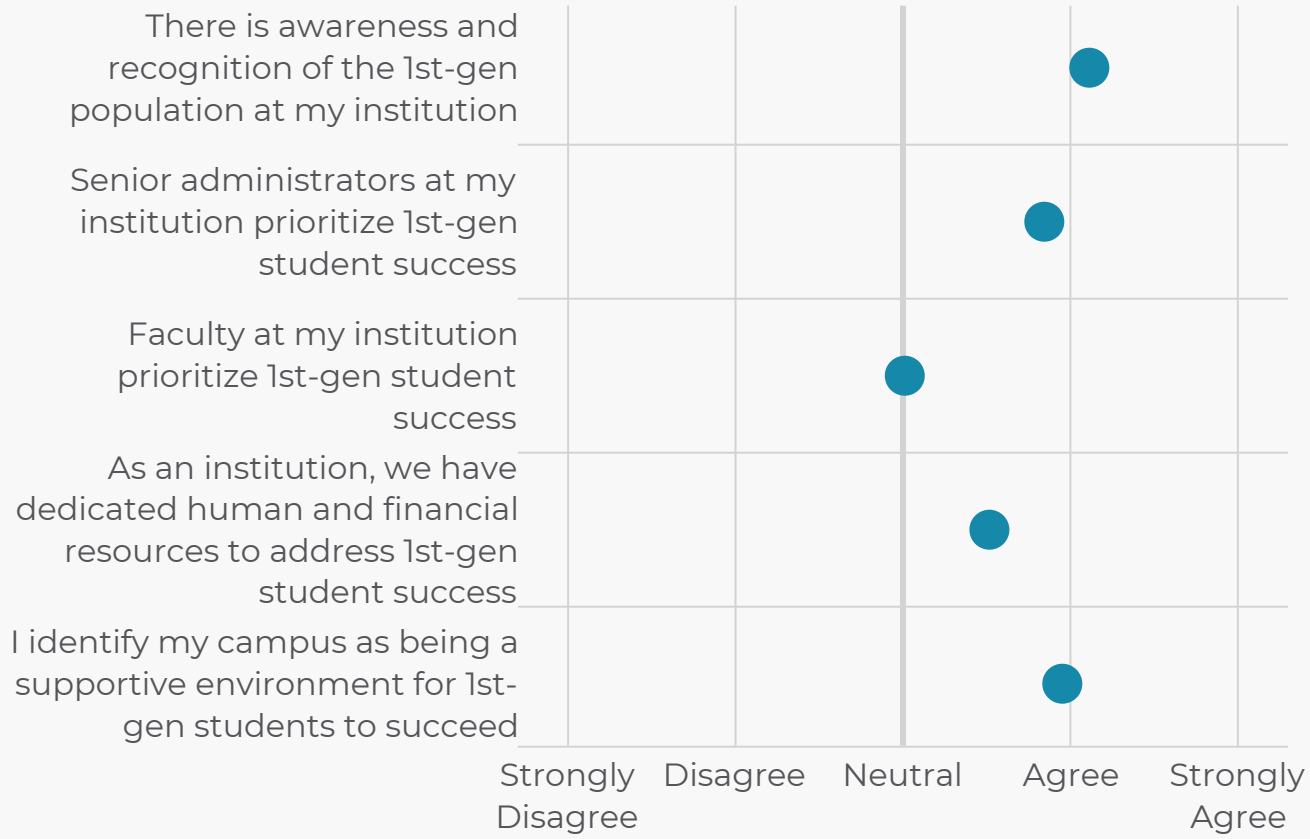
- specify data marker colors
- transpose chart axes
- remove specific tick labels from display
- add a legend
- specify data label formats.



List Formatting

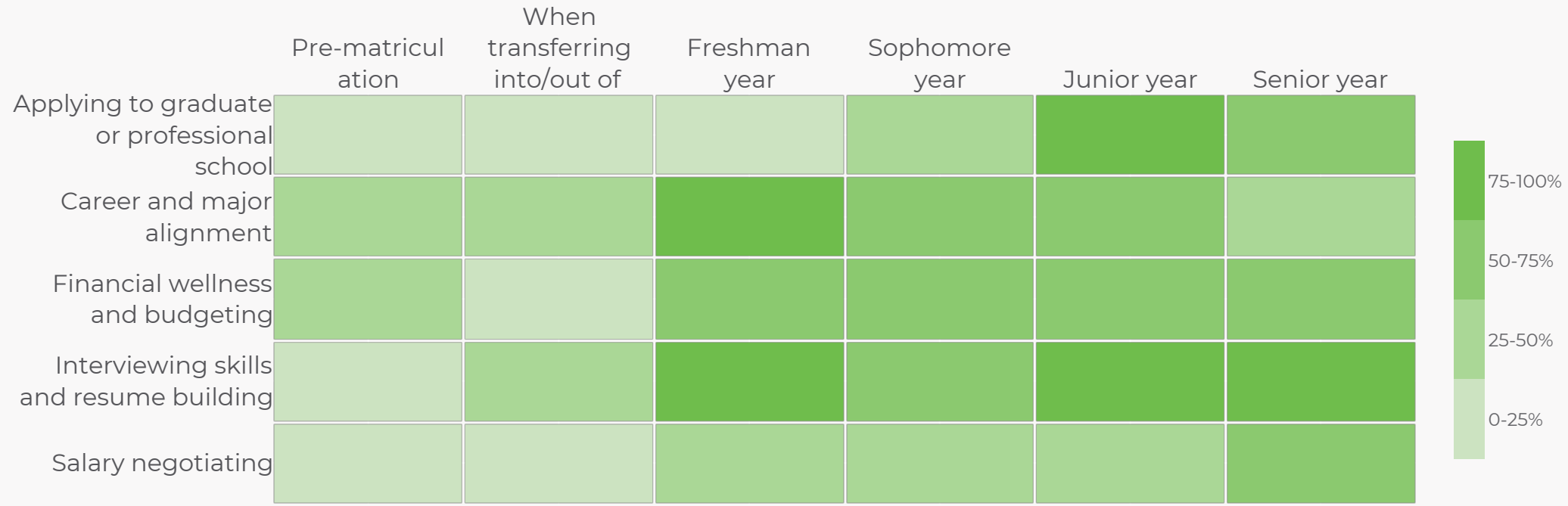
- Using markdown, users can style and control list formatting.
- They can add **bolded** text
  - Or indent bullets

Sample Dot Plot



Sample Full Page Chart (Heat Map)

Heat Map



Presentation Metadata

Created: 2020-12-23_12-59-09

Presentation Builder Inputs

- presentation_builder_v06_portfolio.xlsx

Data Inputs

- insights_tool_2020-12-04.xlsx
- metadata_2020-08-28.xlsx
- institutional_readiness_assessment_2020-12-04.xlsx
- question_grouping_input_2020-11-10.xlsx
- shorthand_2020-09-29.xlsx