

Handout 1 from Maki's "Humanizing Assessment Reports." "Session Outcomes and Your Responses." Oct. 31, 2023, Indianapolis Assessment Institute

- (1) Discuss the challenges of identifying and implementing efficacious practices to improve students' performance levels based on an assessment report that quantitatively represents graduating students' performance on an exit-level mathematics' assessment.**

- (2) Within your program- or institution-level context, identify types of evidence that might be included or, at least, folded into assessment reports that would deepen and broaden the processes of (1) interrogating quantitatively reported assessment results and then (2) identifying recommended improvement practices, approaches, or interventions to promote students' attainment of equitable outcomes.**

- (3) Identify heretofore untapped sources of expertise or experiences (such as students' experiences) that also can contribute to the processes of (1) interrogating assessment results accompanied with additional evidence and (2) recommending efficacious improvement practices**

- (4) Time permitting, identify some text-based, visual, interactive or dynamic ways to humanize assessment reports.**

**Handout 2 from Maki's "Humanizing Assessment Reports." "Stakeholders Who Contribute to Deepening and Broadening the Processes of (1) Interrogating Data and Complementary Evidence and (2) Recommending Efficacious Practices."
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- Faculty from within or even from other programs who have developed efficacious pedagogical or instructional approaches or other practices that promote students' equitable attainment of an outcome(s)
- Informal social networks among or between educators on campus
- Communities of Practice (COPs)
- Administrators who need to understand what it will take to implement, sustain (even widen), and support recommended efficacious practices
- Professionals in Academic Support, Student Support DEI, Library and Information Resources
- Students as learners but also tutors or peer reviewers or mentors who attest to efficacious practices across an institution's demographics
- Data experts and assessment directors who may also provide additional ways to present quantitative data

Handout 3 from Maki's "Humanizing Assessment Reports." "Some Ways to Present Evidence Dynamically to Humanize Assessment Reports." (List enhanced by CHATGPT). October 31, 2023, Indianapolis Assessment Institute

1. **Interactive Charts and Graphs:** Create interactive charts and graphs using tools like D3.js, Chart.js, or Tableau. Users can hover over data points for details or filter data to focus on specific aspects.
2. **Heatmaps:** Use heatmaps to represent data density or patterns. Users can interact by zooming in, panning, or adjusting the color scale.
3. **Interactive Maps:** Incorporate maps with clickable markers or regions. Users can click on locations to get more information or filter data by geographical areas.
4. **Data Visualization Dashboards:** Build dashboards using tools like Power BI, Google Data Studio, or Plotly Dash. Users can customize views, apply filters, and see real-time updates.
5. **Animated Data Visualizations:** Create animated charts or graphs that illustrate changes over time. Animations can help convey trends and patterns effectively.
6. **Scrolling Data Stories:** Design data-driven narratives that users can scroll through, revealing insights and information progressively.
7. **Interactive Infographics:** Combine text, images, and interactive elements to tell a data-driven story. Users can explore different sections for deeper insights.
8. **Data Simulations:** Develop interactive simulations that allow users to manipulate variables and observe how they affect outcomes in real-time.
9. **Drag-and-Drop Interactions:** Design interfaces where users can drag and drop data points to see instant updates in visualizations.
10. **Interactive Surveys and Quizzes:** Create interactive surveys or quizzes that provide immediate feedback based on users' responses, highlighting relevant data.
11. **Comparison Tools:** Build tools that allow users to compare multiple datasets side by side, enabling them to identify trends, differences, and similarities.
12. **Interactive Timelines:** Showcase chronological data using interactive timelines that users can navigate through and explore various events.
13. **Virtual Reality (VR) or Augmented Reality (AR) Data Visualizations:** Utilize VR or AR technologies to present data in immersive and interactive ways.
14. **Word Clouds:** Generate interactive word clouds where users can click on words to reveal related data or information.
15. **Interactive Scatter Plots:** Create scatter plots where users can select variables to map on the X and Y axes, revealing relationships between different data points.