

The Use of Audience Response Technology to Evaluate Training and Increase Learner Engagement

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FedCASIC Presentation

March 4, 2015

Background

- Need method to:
 - Assess learners' increase in knowledge
 - Assess effectiveness of our training programs
 - Increase learner engagement
 - Produce a “snapshot” of attendance and demographic data
 - Poll participants and make rapid decisions based on audience feedback quickly during stakeholder or leadership meetings
 - Gather opinions anonymously
 - Eliminate paper voting for elections, planning or budgeting initiatives

Your Input Counts!

- Everyone should have a ResponseCard keypad.
- For each question push the button with the number that corresponds with response you wish to give.
- If you push the wrong button, that's ok, the last button you push is the response that will register.
- The ResponseCards will only work in this presentation –
- Things they will **NOT** do: change the channel on your TV; open your garage door...
- Please leave them attached to your chair when we are finished.



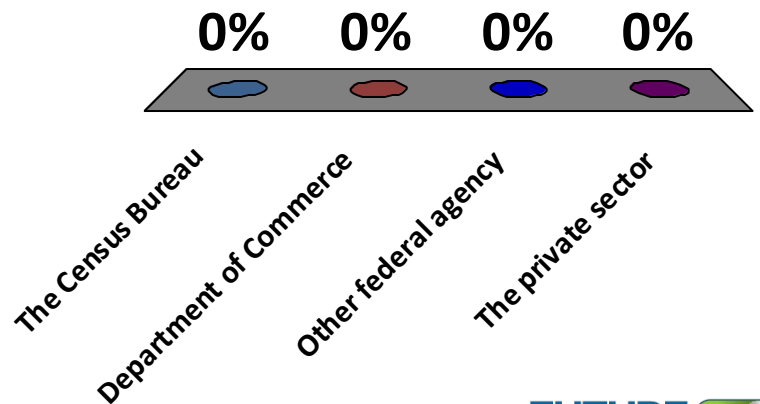
Make sure you're on Channel 41

1. Press the “Channel” button in the bottom left corner of the keypad.
2. Press “4”, then “1”.
3. Press the “Channel” button again.



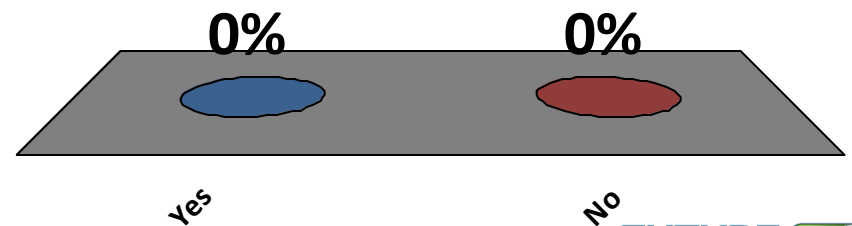
I work for...

1. The Census Bureau
2. Department of Commerce
3. Other federal agency
4. The private sector



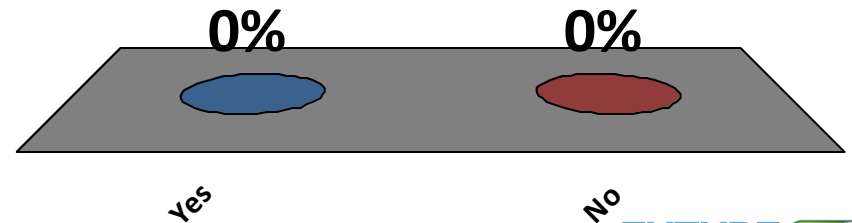
I have used Audience Response Card Technology before.

1. Yes
2. No



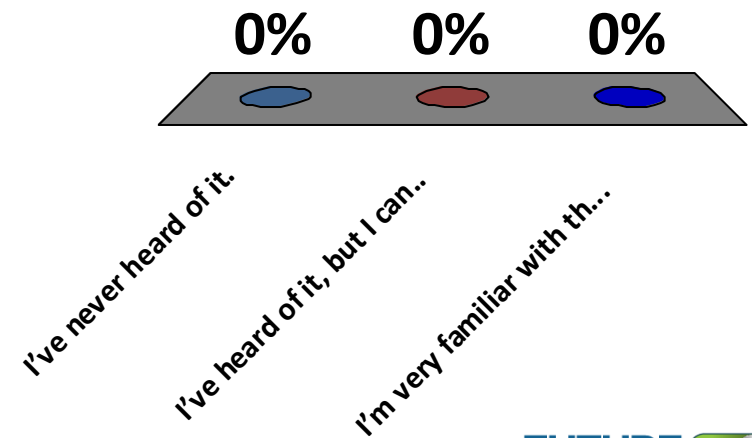
Are you a trainer or instructional systems designer?

1. Yes
2. No



How familiar are you with the Kirkpatrick Training Evaluation Model?

1. I've never heard of it.
2. I've heard of it, but I can't describe it.
3. I'm very familiar with the model and can describe each of the evaluation levels.



Kirkpatrick Model

- **Level 1: Reaction**
 - To what degree participants react favorably to the training
- **Level 2: Learning**
 - To what degree participants acquire the intended knowledge, skills, attitudes, confidence and commitment based on their participation in a training event
- **Level 3: Behavior**
 - To what degree participants apply what they learned during training when they are back on the job
- **Level 4: Results**
 - To what degree targeted outcomes occur as a result of the training event and subsequent reinforcement

Level 1: Reaction

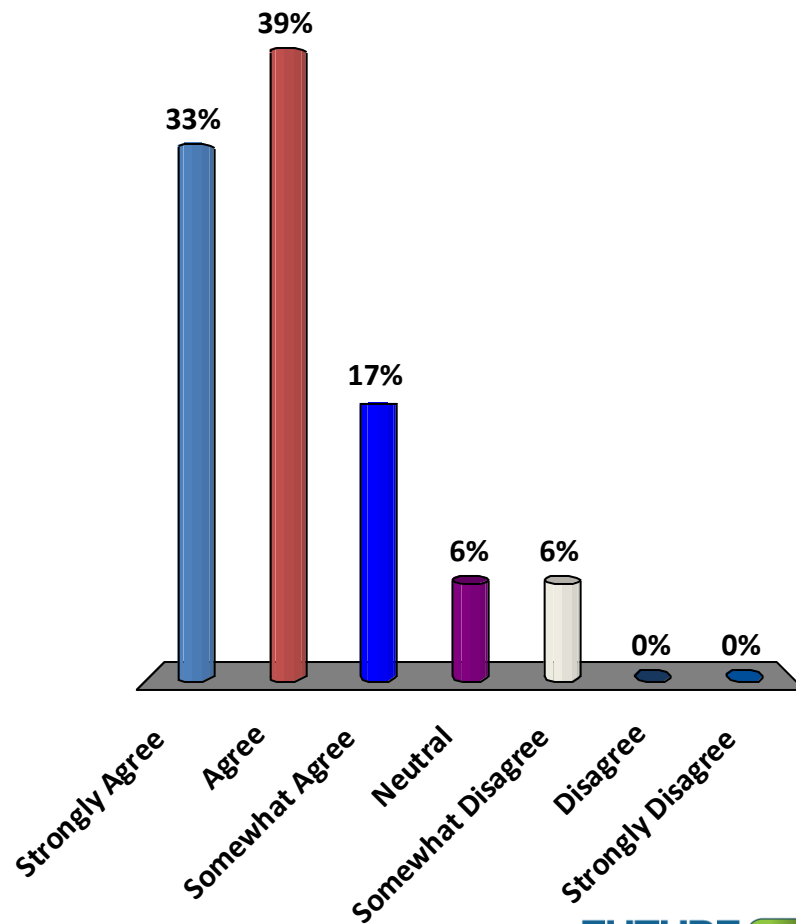
To what degree participants react favorably to the training

Local Supervisor of Operations Classroom Training Evaluation

February 12, 2015

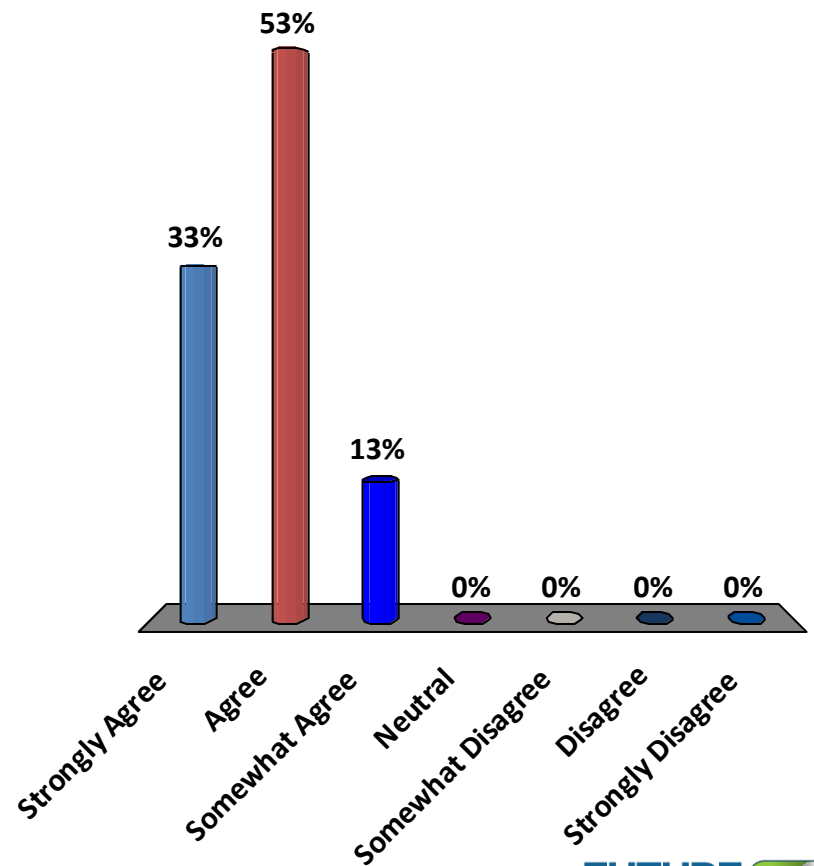
The objectives of the training were clearly defined

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



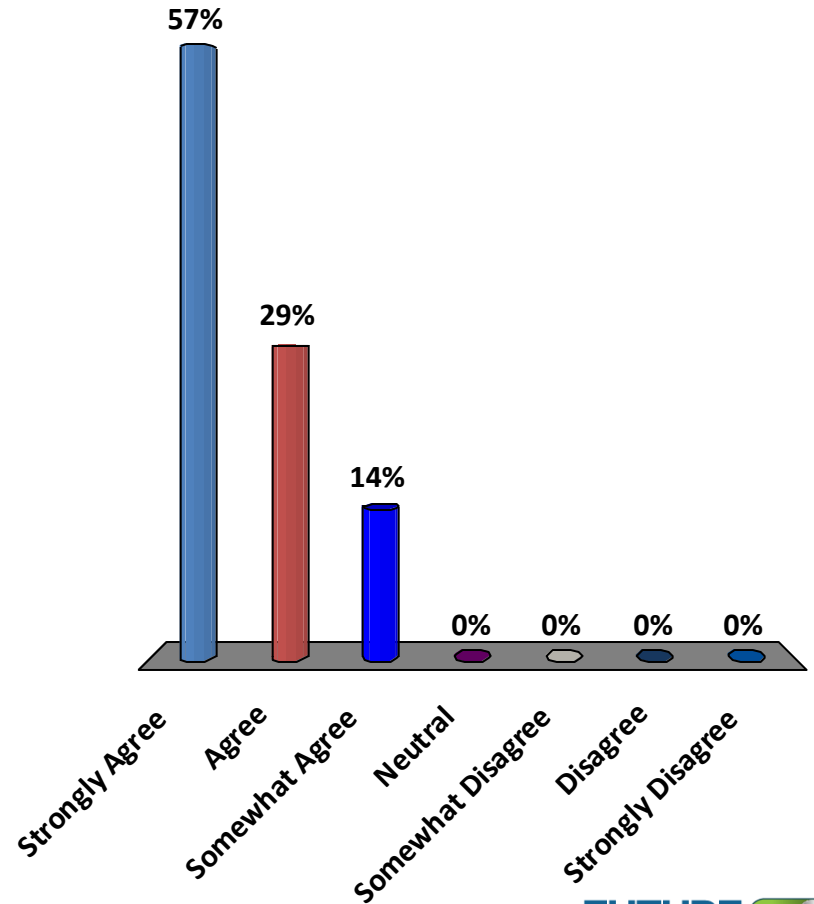
The training objectives were met

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



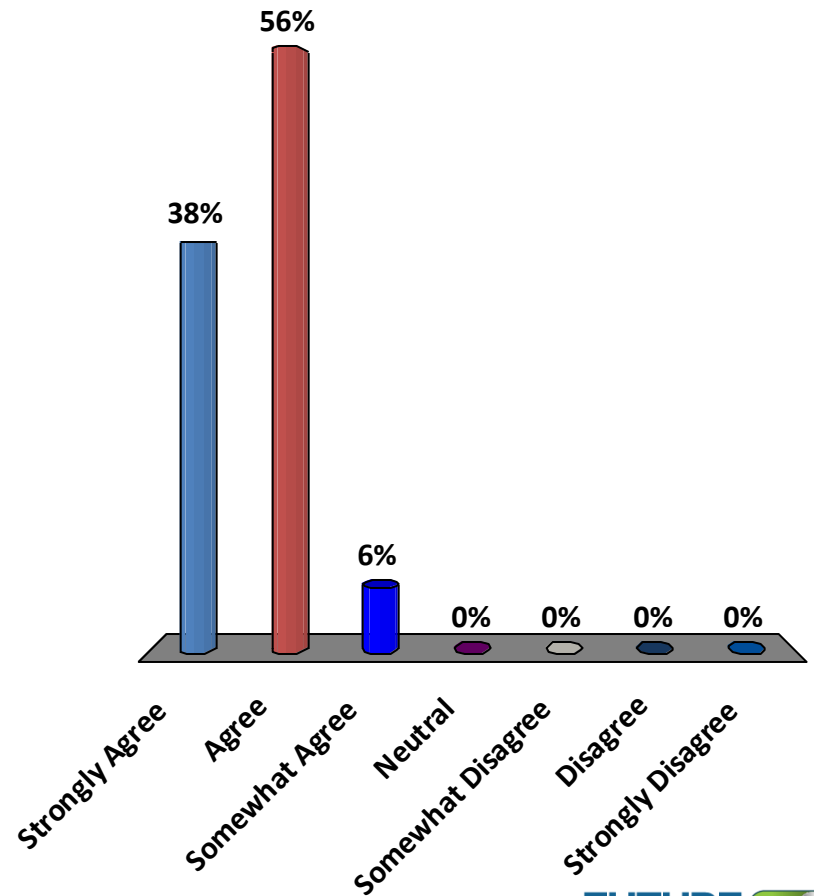
The topics covered were relevant to me

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



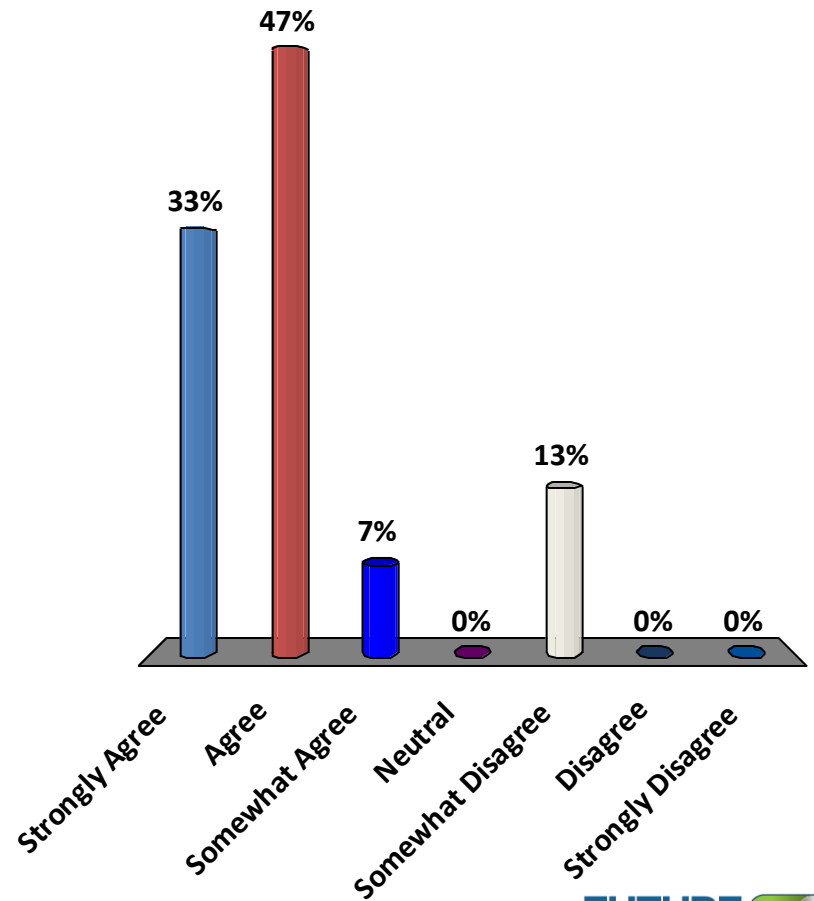
The content was organized and easy to follow

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



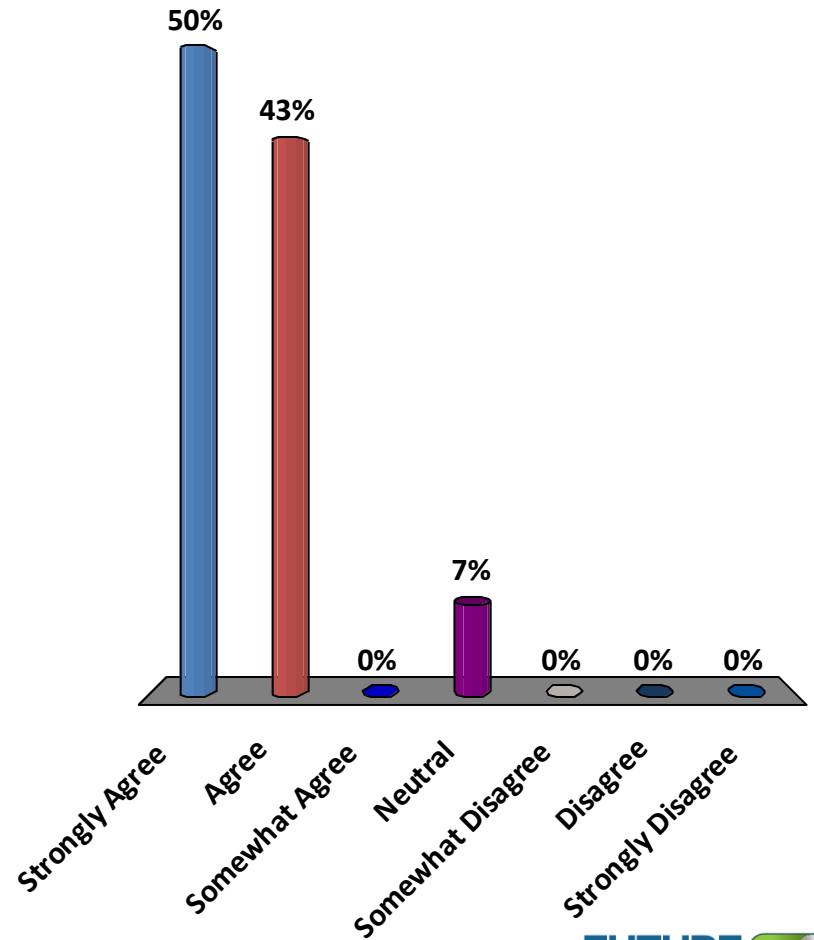
The time allotted for the training was sufficient

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



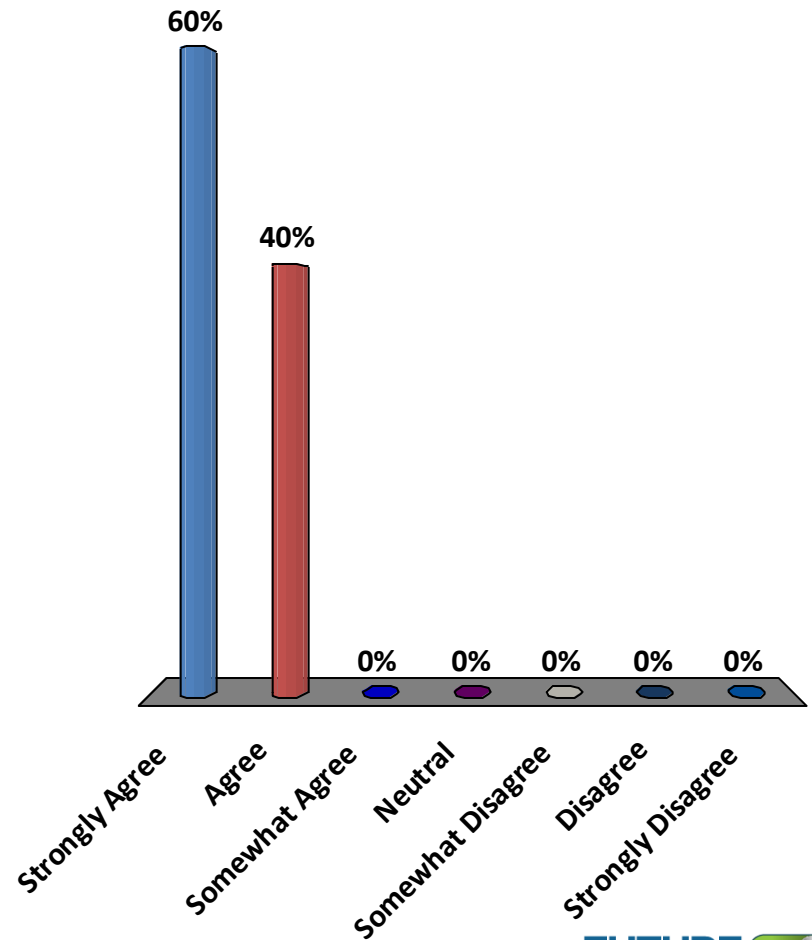
Presentations and Participant manual were effective

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



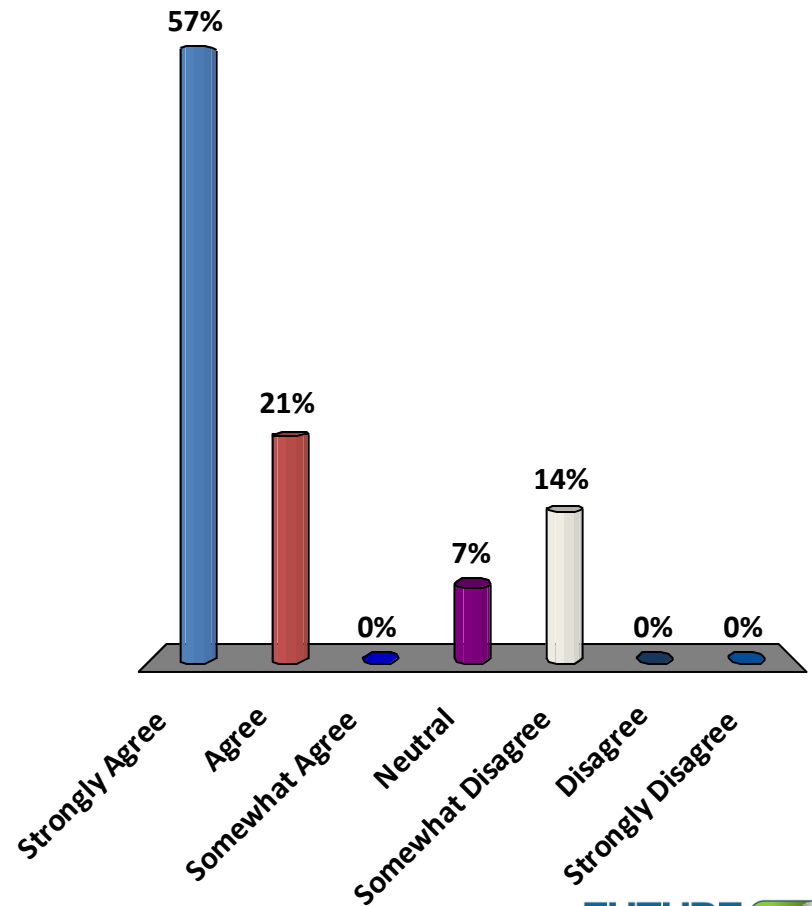
The use of technology was effective

- A. Strongly Agree
- B. Agree
- C. Somewhat Agree
- D. Neutral
- E. Somewhat Disagree
- F. Disagree
- G. Strongly Disagree



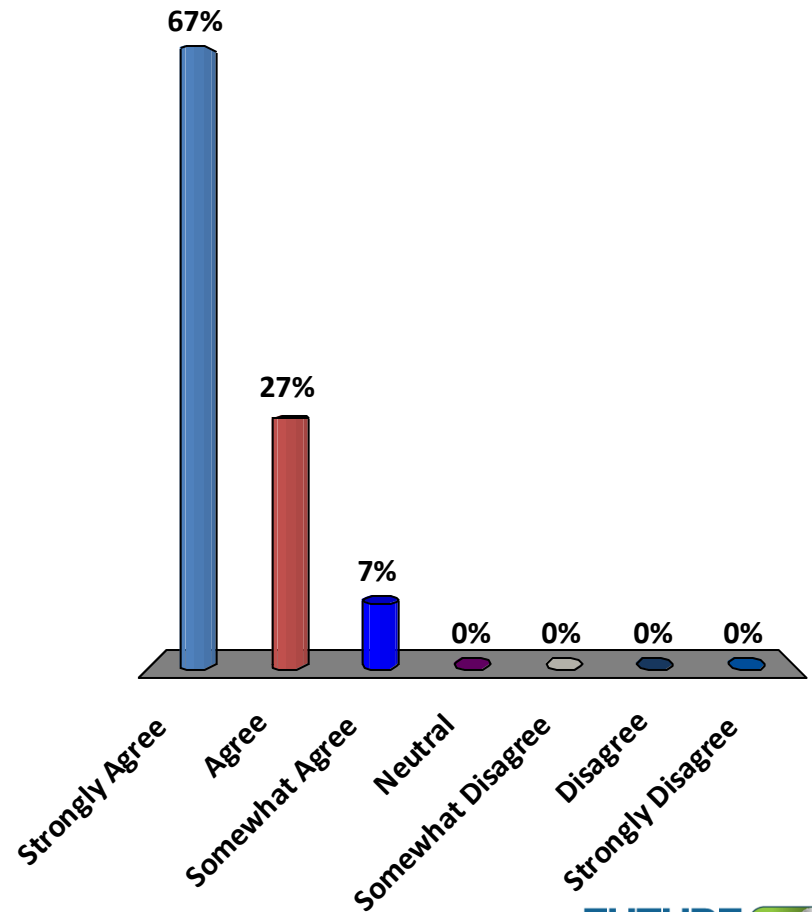
The meeting room and facilities were adequate and comfortable

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



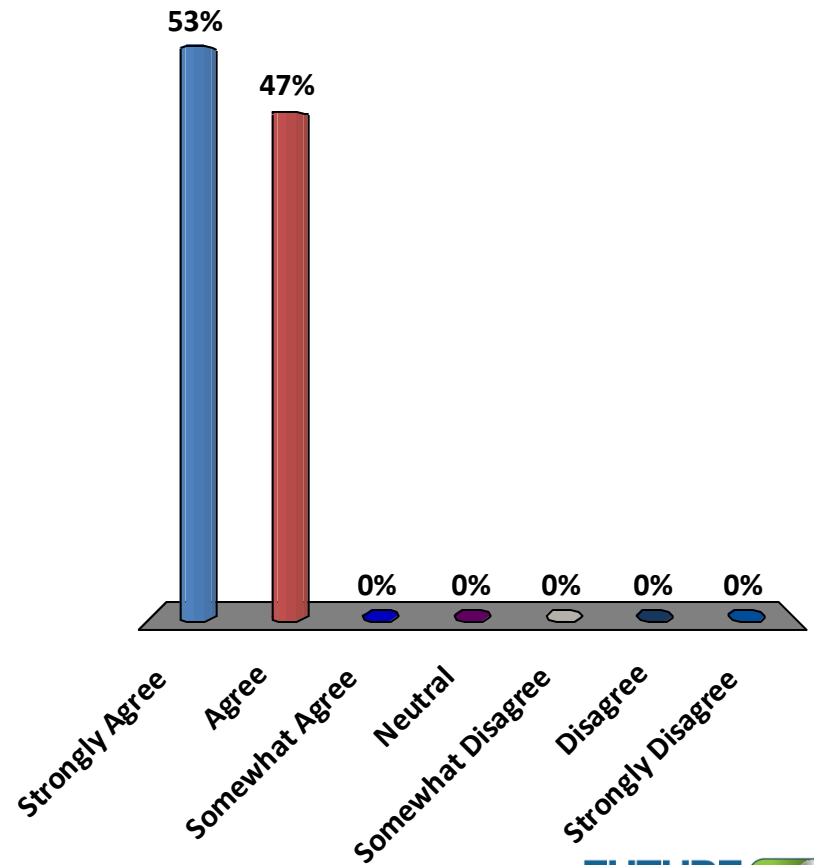
This training experience will be useful in my work

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



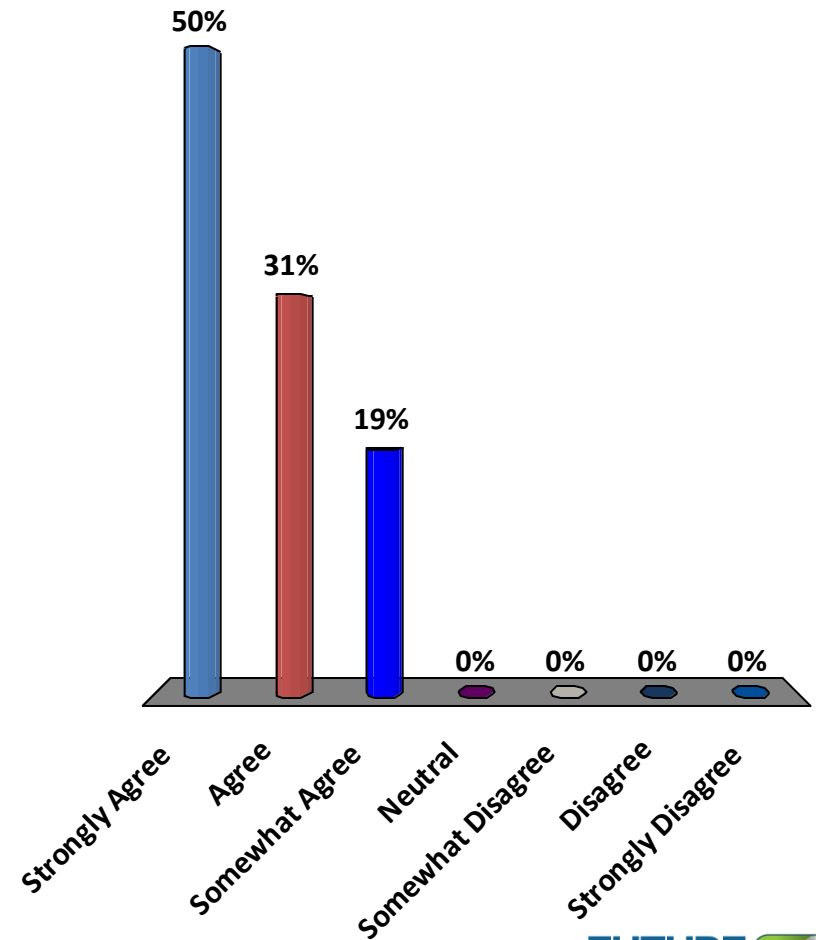
Participation and interaction were encouraged

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



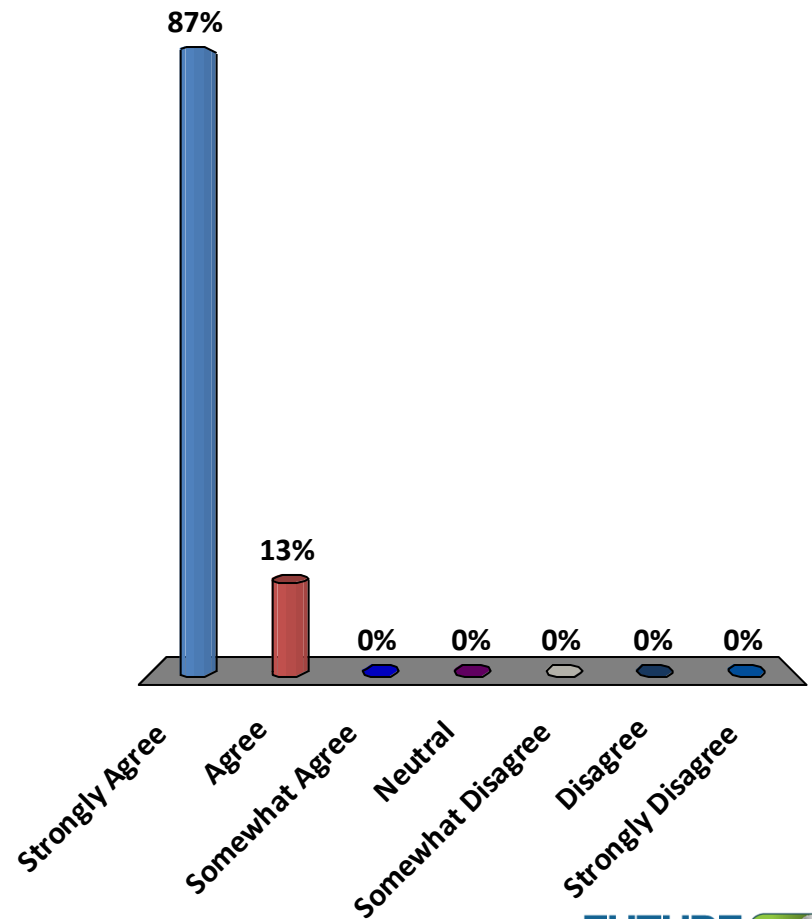
I feel confident that I can apply my learning in my job role

- A. Strongly Agree
- B. Agree
- C. Somewhat Agree
- D. Neutral
- E. Somewhat Disagree
- F. Disagree
- G. Strongly Disagree



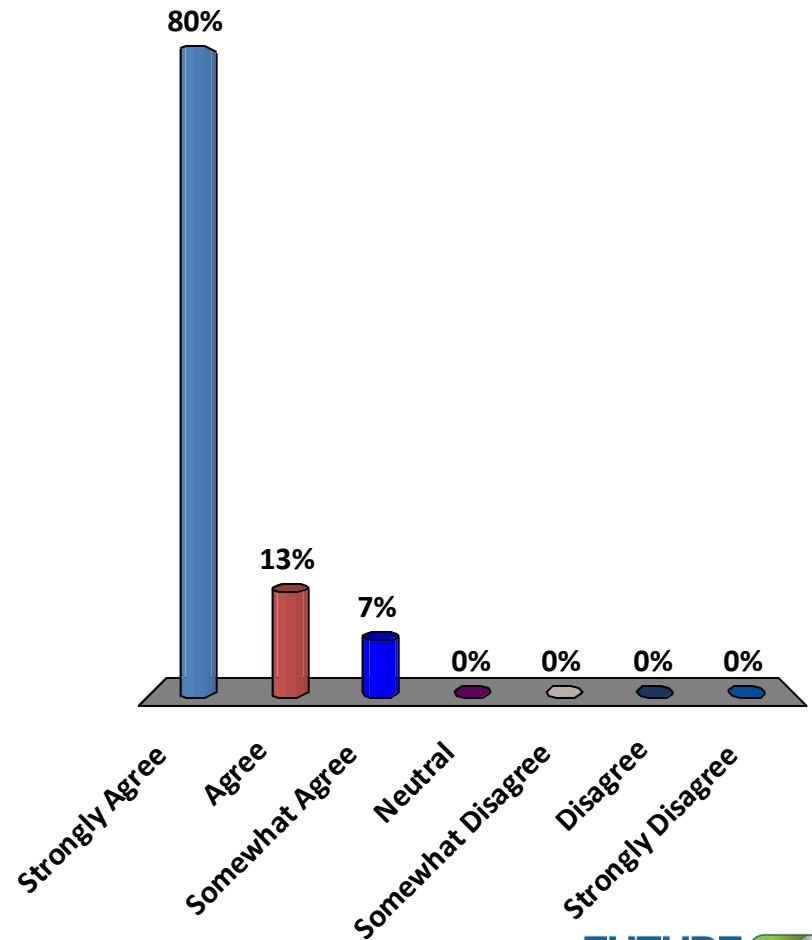
The trainer was knowledgeable about the training topics

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



The trainer was well-prepared

1. Strongly Agree
2. Agree
3. Somewhat Agree
4. Neutral
5. Somewhat Disagree
6. Disagree
7. Strongly Disagree



Level 2: Learning

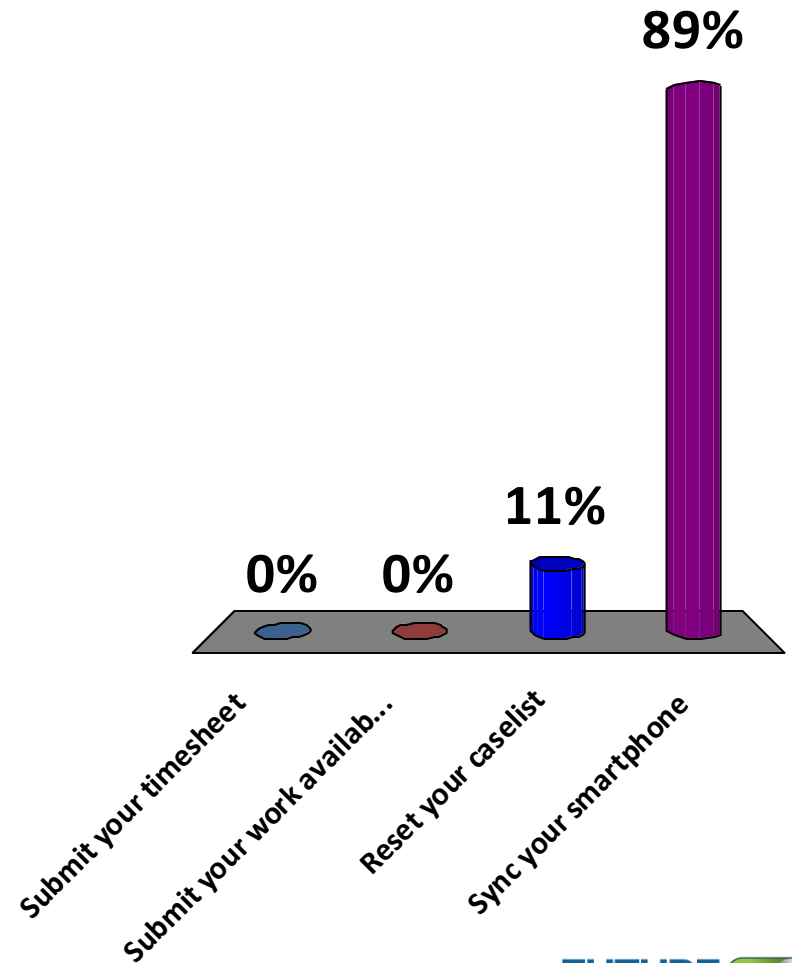
To what degree participants acquire the intended knowledge, skills, attitudes, confidence and commitment based on their participation in a training event

Enumerator Pre-Classroom Training

Knowledge Check

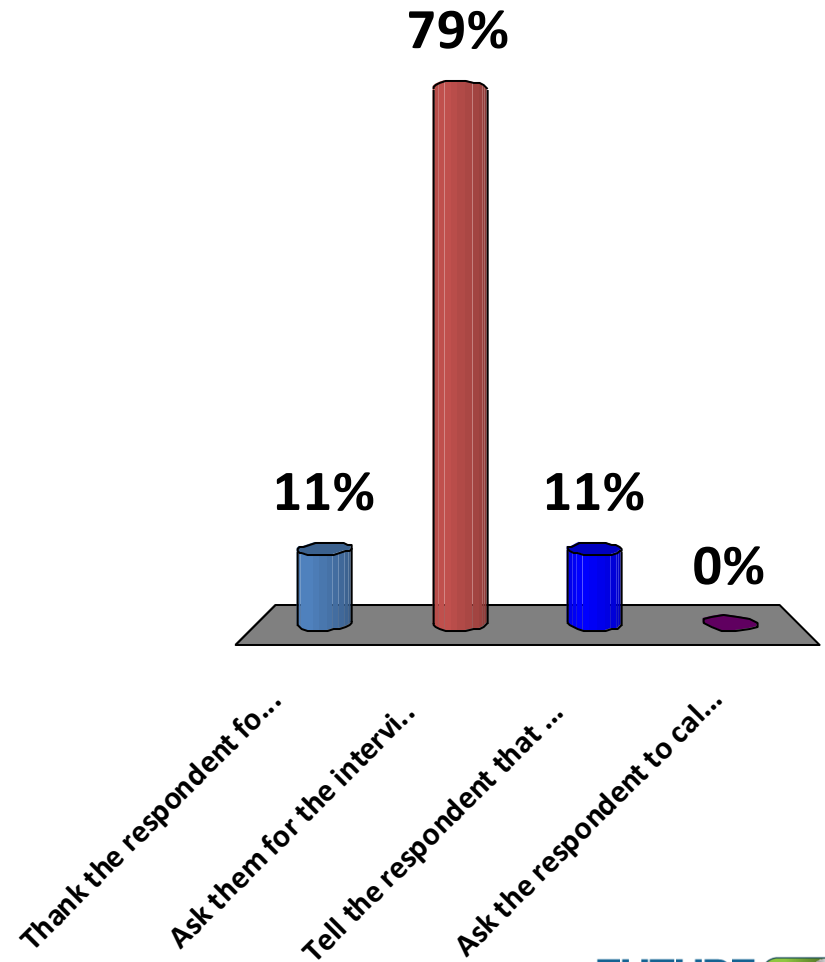
What is the first technical function of your workday?

- A. Submit your timesheet
- B. Submit your work availability
- C. Reset your caselist
- D. Sync your smartphone



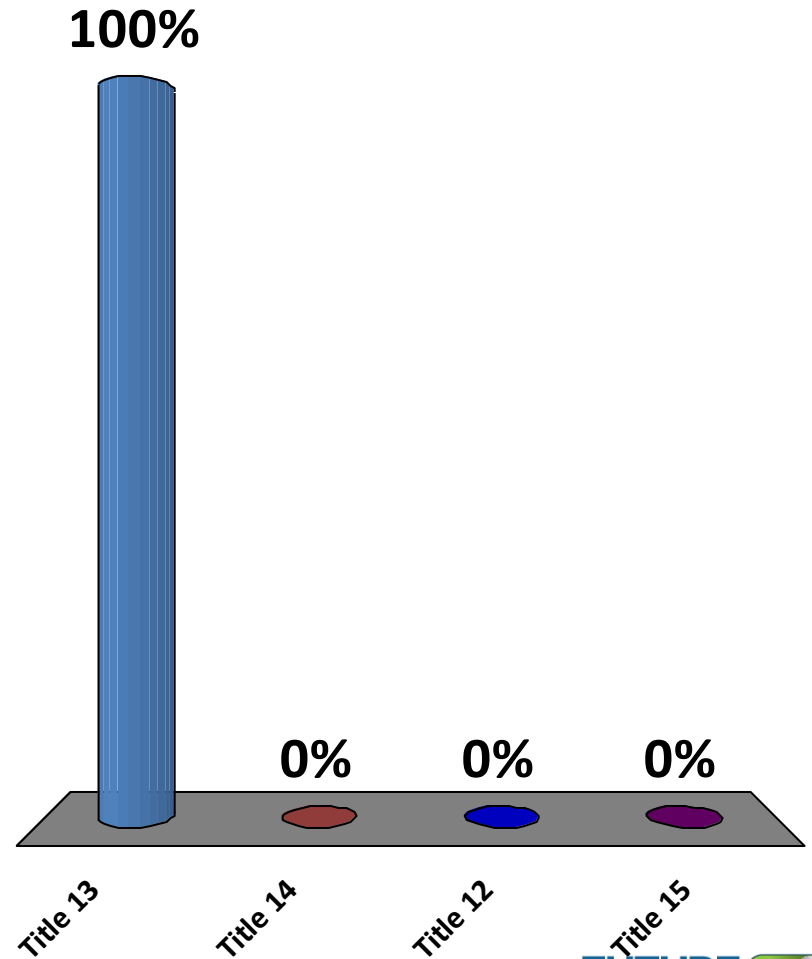
What should you do if the respondent tells you they mailed their questionnaire back already?

- A. Thank the respondent for their time and leave. Code the attempt appropriately in COMPASS.
- ✓ B. Ask them for the interview anyway. If the respondent will not consent, code the attempt appropriately in COMPASS.
- C. Tell the respondent that they are lying and then leave. Code the attempt appropriately in COMPASS.
- D. Ask the respondent to call the Census hotline phone number. Code the attempt appropriately in COMPASS.



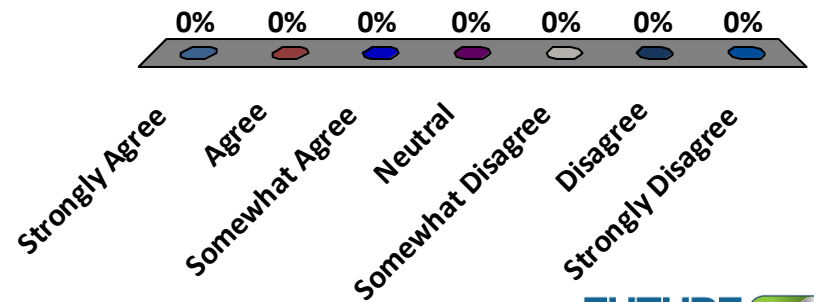
What is the name of the federal law that protects respondent data and holds the employee responsible?

- ✓ A. Title 13
- B. Title 14
- C. Title 12
- D. Title 15



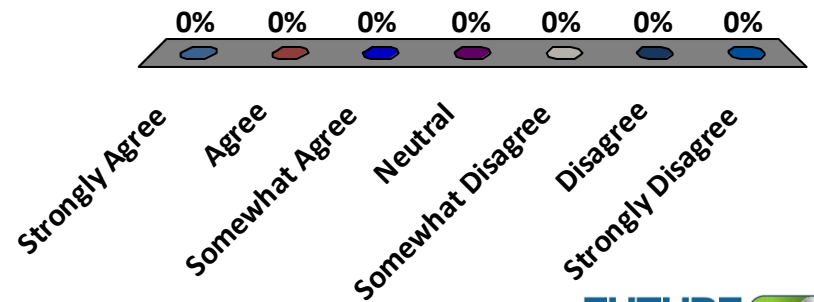
This presentation was informative

- A. Strongly Agree
- B. Agree
- C. Somewhat Agree
- D. Neutral
- E. Somewhat Disagree
- F. Disagree
- G. Strongly Disagree



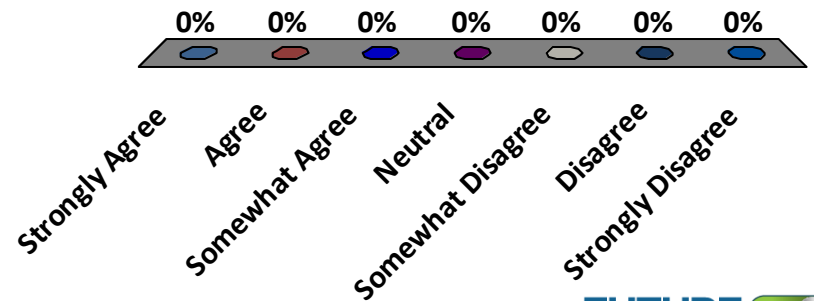
I can envision how I might use Audience Response Card Technology in my work.

- A. Strongly Agree
- B. Agree
- C. Somewhat Agree
- D. Neutral
- E. Somewhat Disagree
- F. Disagree
- G. Strongly Disagree



I intend to explore the use of the Audience Response Card Technology in my agency/organization

- A. Strongly Agree
- B. Agree
- C. Somewhat Agree
- D. Neutral
- E. Somewhat Disagree
- F. Disagree
- G. Strongly Disagree



Thank you!

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