



British Embassy  
Kuwait



المركز الوطني للأمن السيبراني  
National Cyber Security Center

# ceerc 2024

THE 6TH CYBERSECURITY EDUCATION & RESEARCH CONFERENCE

## Raising Cybersecurity Awareness through Adult Training

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The Public Authority for Applied Education and Training  
UK-Gulf Women in Cyber Security Fellowship 2020-2022  
Co-Founder of @BeSmartSafe Awareness Campaign



Cybersecurity is crucial today  
due to the growing threats of  
cyberattacks.

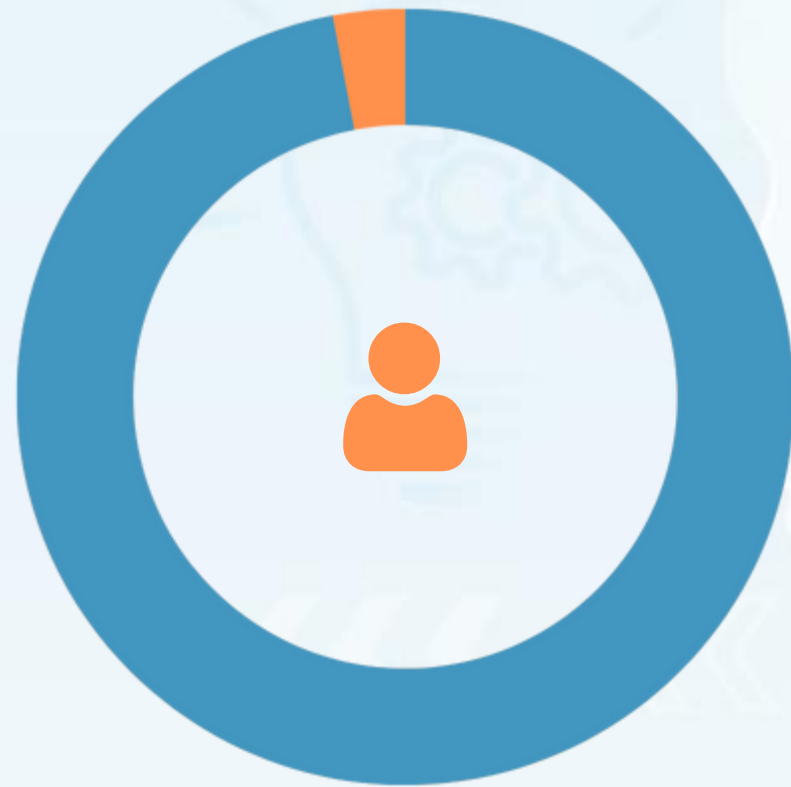


# Kuwait has seen a sharp rise in Internet usage as shown in the National survey

## Summary By Citra :

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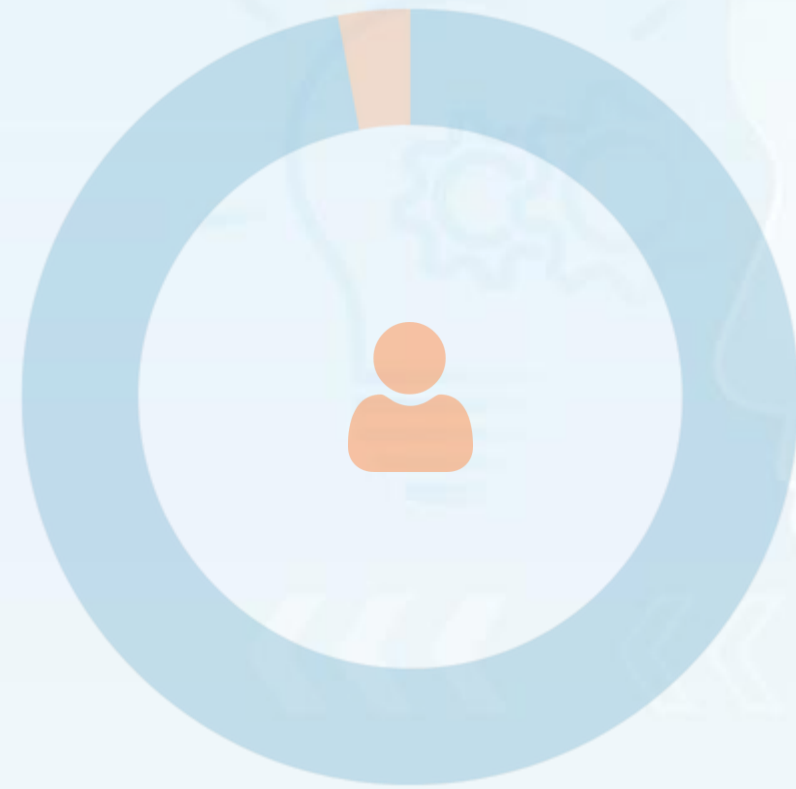
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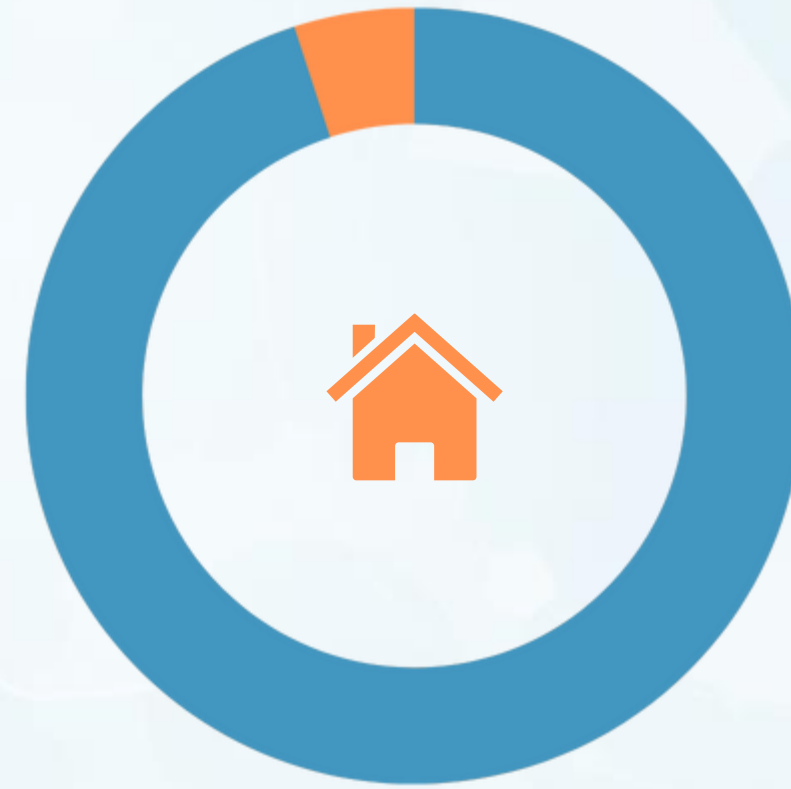
99.7 %

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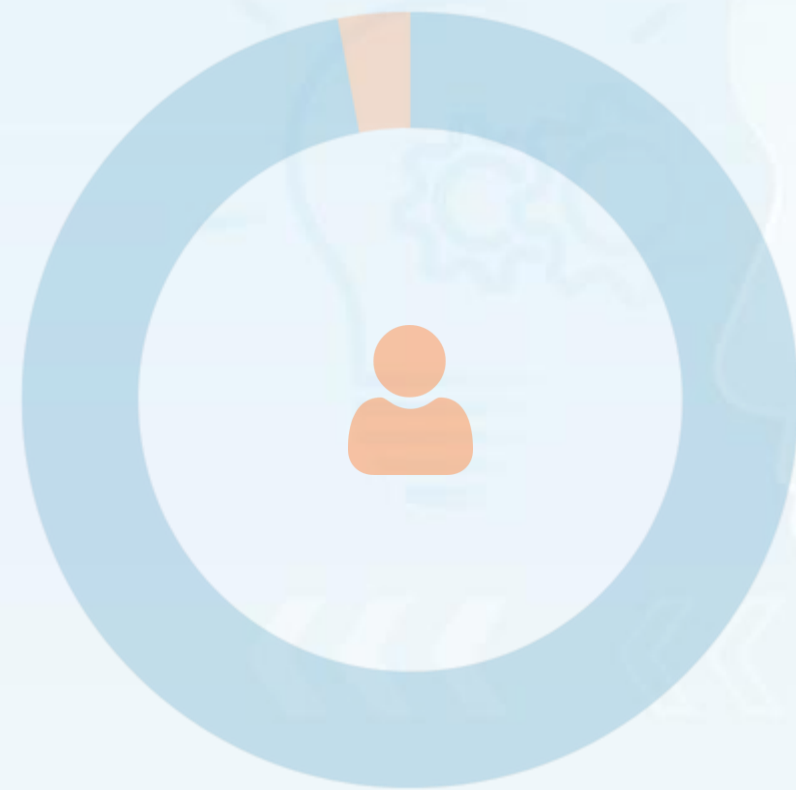
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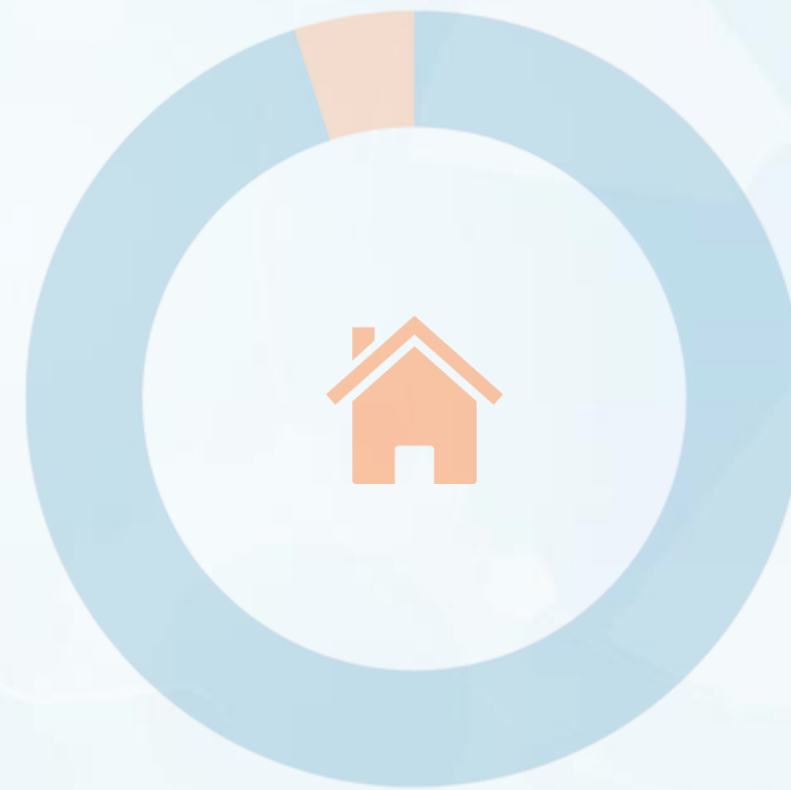
99.4%

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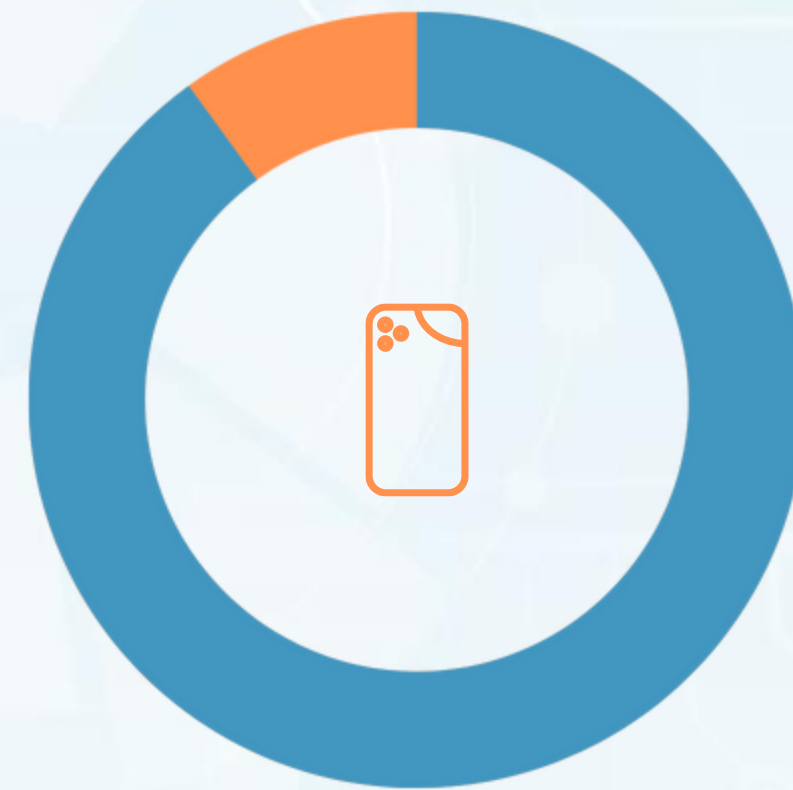
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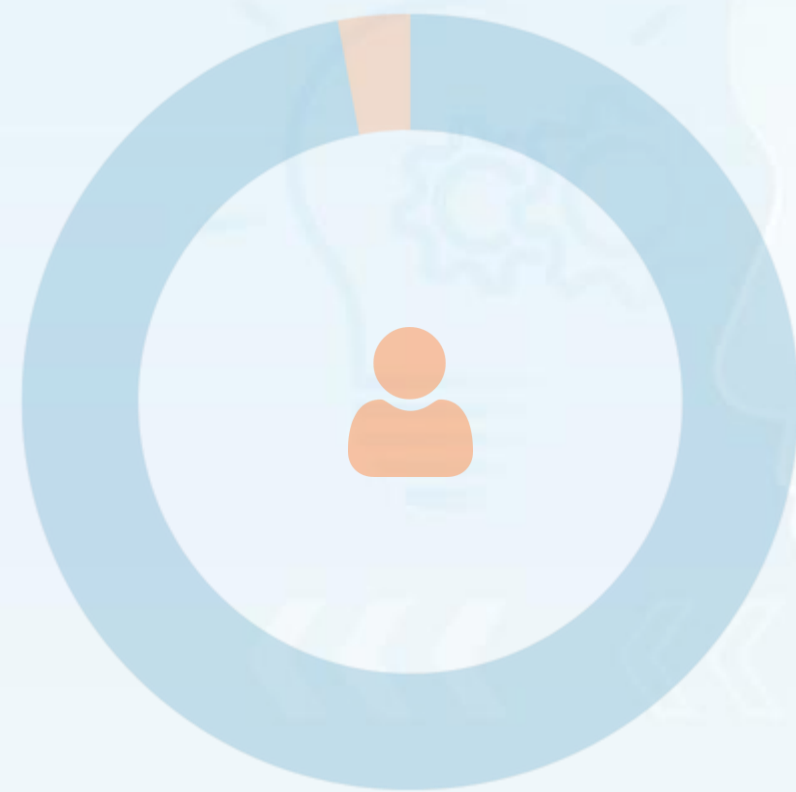
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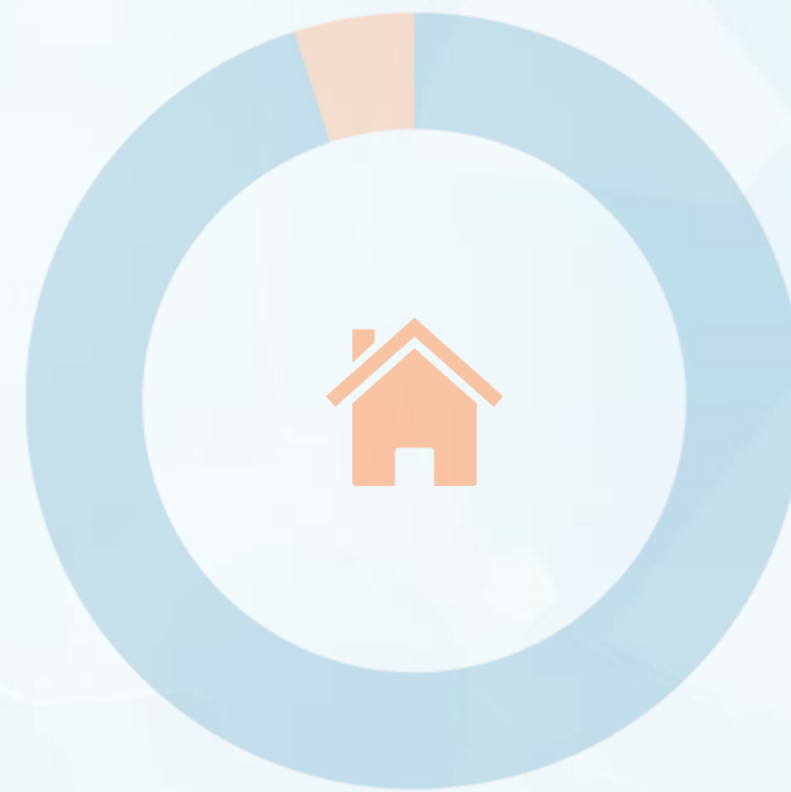
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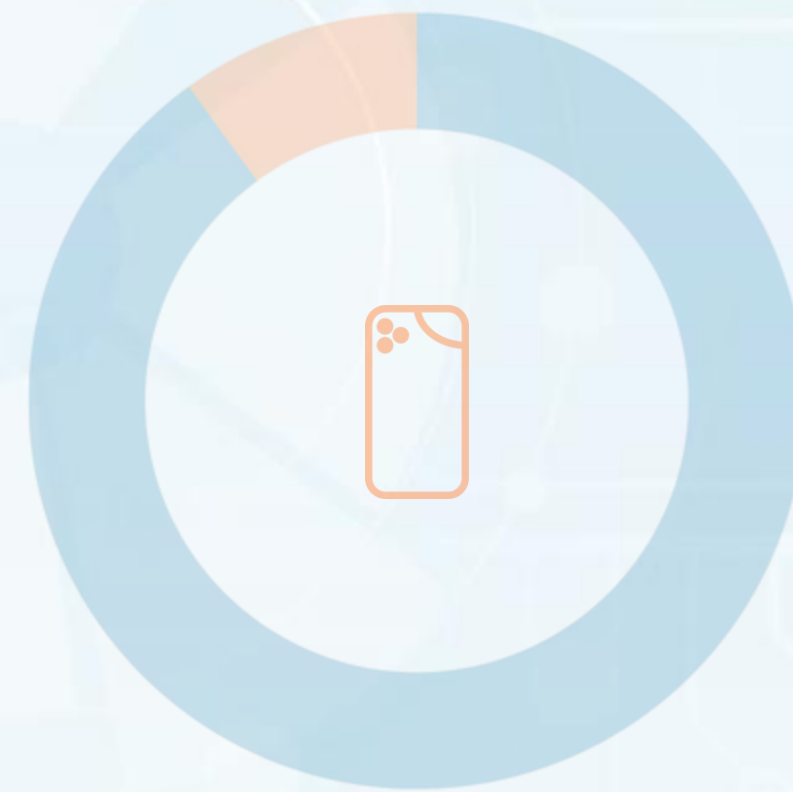
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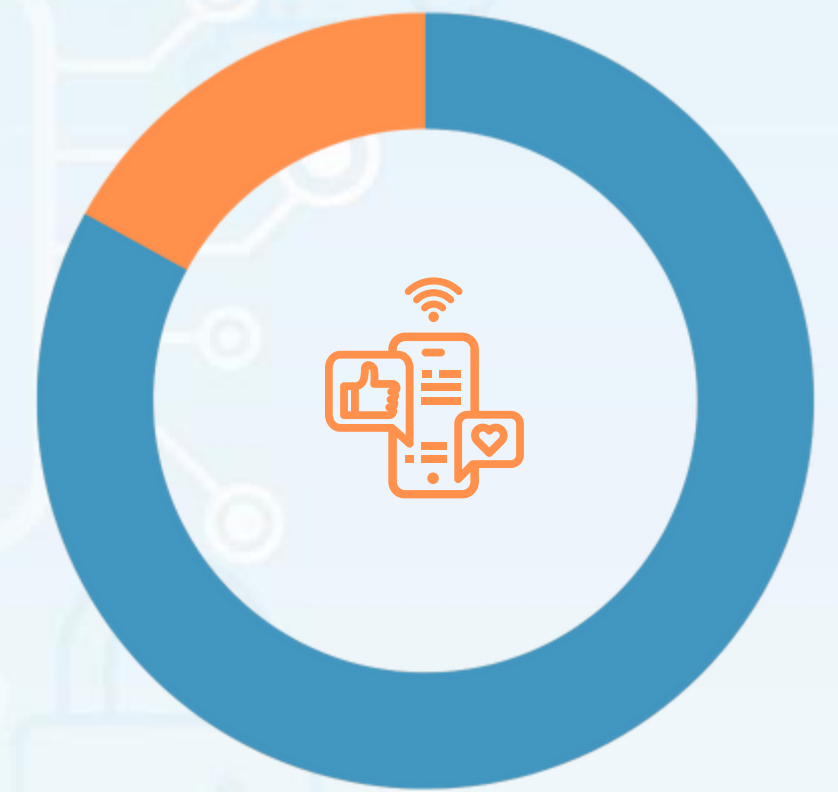
99.7 %



99.4%



87.7%



84.2%

( [Citra](#) )



# Be Smart And Safe Campaign

Established in 2016





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**Raising the awareness in the Smart and safe use of technology among all age group.**





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Surveys in Sharjah, Abu Dhabi, and Dubai stressed the need for ongoing cybersecurity training for students and staff.

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### New England

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Surveys in Sharjah, Abu Dhabi, and Dubai stressed the need for ongoing cybersecurity training for students and staff.



### Malaysia

A study found one-third of students fell victim to social media fraud, highlighting poor awareness of online risks.



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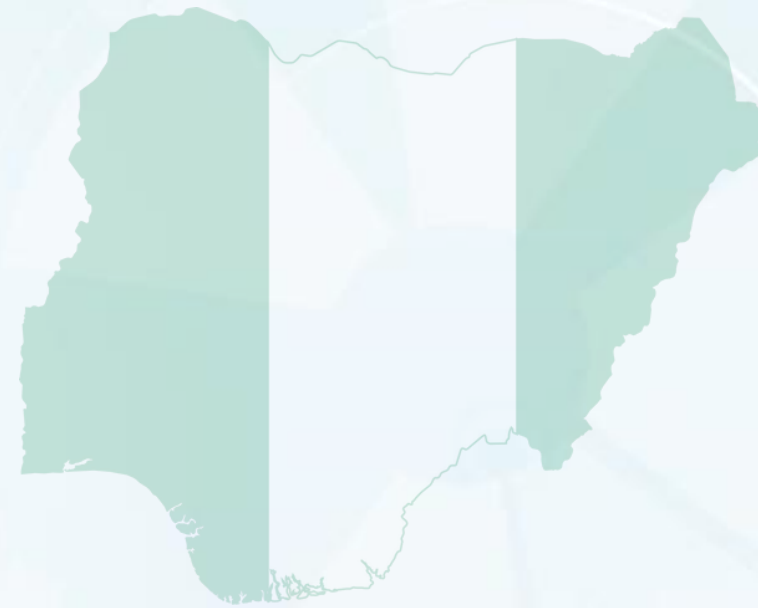
Computer science students were aware of privacy but lacked basic cybersecurity knowledge, such as phishing and password security.

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### United States of America

A study at California State University found that students and instructors struggled with safe internet use due to a lack of practical knowledge.



### Nigeria

Computer science students were aware of privacy but lacked basic cybersecurity knowledge, such as phishing and password security.



### New Zealand

Many students misunderstood key cybersecurity terms, revealing a need for better education.

# Defining The Problem



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## Growing cyber threats



Increasing cyber threats such as phishing, malware, and ransomware.

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## Lack of awareness



Adults, including parents and educators, lack awareness of protecting personal information online.

## Dangers of social media



Schools showed a significant gap in knowledge about privacy settings and social media risks.

# Survey

Participants

# Survey

## Participants



Employees

# Survey

## Participants



Employees



Parents

# Survey

## Participants



Employees



Parents



Social workers -  
School administrators

# Survey

## Participants



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Teachers

# Survey



190 participants

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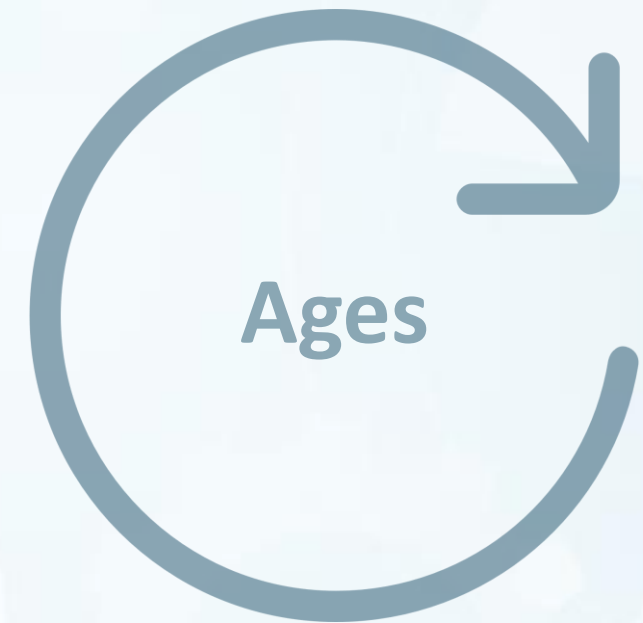


20 - 50 +

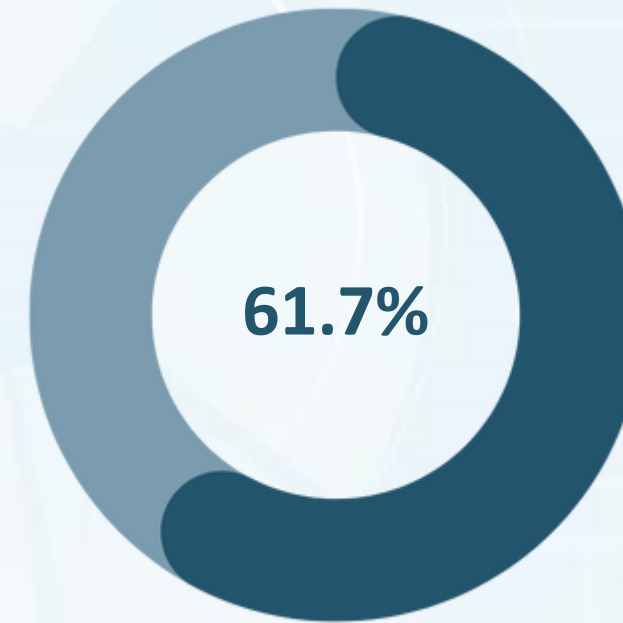
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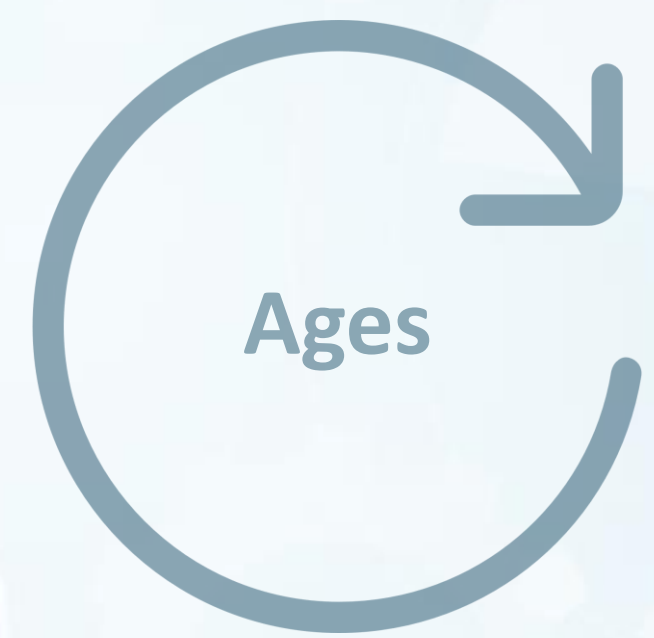


95 Completed pre-post survey

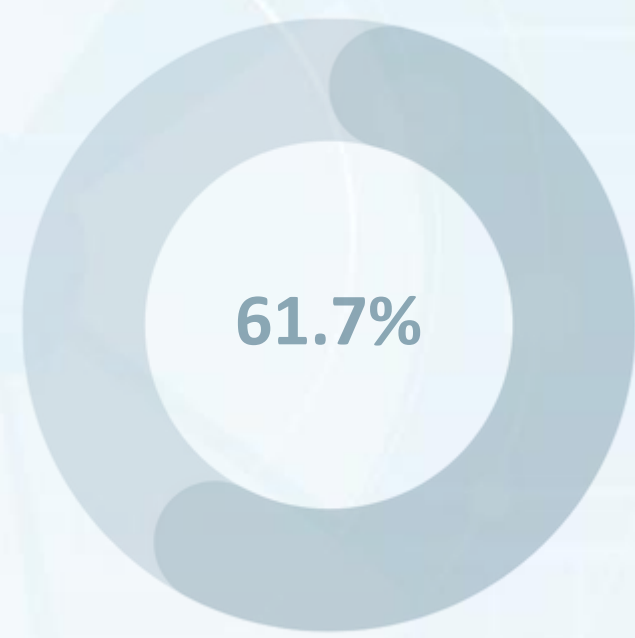
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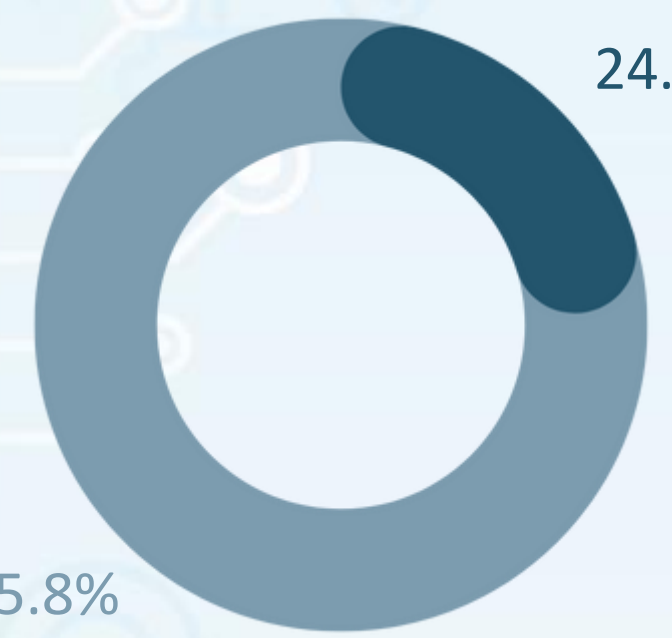
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Parents  
Teachers

# Lectures and Workshops Agenda



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Digital  
citizenship



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KUWAIT COLLEGE OF SCIENCE & TECHNOLOGY  
كلية الكويت للعلوم والتكنولوجيا



جامعة الكويت  
KUWAIT UNIVERSITY



UK Science  
& Innovation  
Network



125 عاماً من الشراكة الكويتية البريطانية  
125 YEARS OF KUWAITI-BRITISH PARTNERSHIP

# Lectures and Workshops Agenda



Digital  
citizenship



Internet  
history



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Social media  
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Internet  
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Social media  
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Cyber  
bullying

# Lectures and Workshops Agenda



Digital  
citizenship



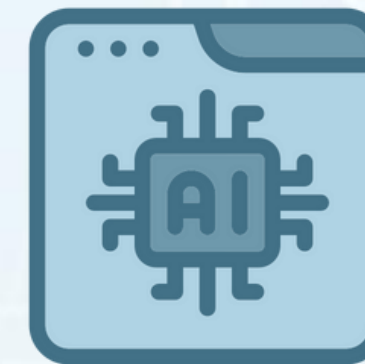
Internet  
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Social media  
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AI applications &  
security issues

# Lectures and Workshops Agenda



Digital citizenship



Internet history



Social media security



Cyber bullying



AI applications & security issues



Protection tips

# Methodology

Pre-Post Survey



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Pre-Post Survey

Competence

# Methodology

Pre-Post Survey

## Competence

What is the internet ?

# Methodology

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I'm responsible in my online behavior.

I can evaluate online resources.

# Research outcomes

Competence

Personal Attributes

Future Impacts

**Positive effect on most survey items EXCEPT :**

country?

cyberbullying?

search.

is protected.

behavior.

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# Conclusion

- The **Training workshops & Lectures** significantly improved cybersecurity awareness.
- Workshops emphasized the need for digital safety education in schools.
- Participants gained better skills to protect personal information.
- Digital safety should be included in school curricula, and better scheduling is needed for future workshops to improve participation.



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# Thank You!

