



# Leveraging Microsoft for Sustainable Campus Practices

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Unearth Your Recycling IQ Now!!



Please  
scan the  
code for  
the Quiz



# Objective

Problem 1: *Inefficient waste management on campus contributes to environmental degradation.*

Problem 2: *Lack of awareness regarding the appropriate disposal methods for various sources, leading to increased environmental impact.*

## Solutions:

- 1) *Sustainable Practices Survey*
- 2) *Data-Driven Waste Management*
- 3) *Data Analysis & Visualization*



- We interviewed Avery from Office of Sustainability – UT Dallas and got information regarding the waste disposal and recycling practices in and around campus.
- They work diligently towards segregating the different types of waste and categorizing it appropriately.

# Application 1: Microsoft Forms

- Quiz format to make learning experience fun!
- Has 10 questions on appropriate recycling practices and types of waste.
- Post quiz completion, lists out the correct/incorrect answers.
- Data can be utilized for identifying key areas where more awareness is needed.

Unearth Your Recycling IQ Now!! - Saved

6

What is the proper disposal method for UT Dallas-owned electronics with an asset tag? (10 Points)

☐ Single-Stream recycling

☒ E-Waste ✓

☐ Printer Cartridges

☐ Campus Compost

The screenshot shows a Microsoft Form interface. At the top, there's a header bar with the title 'Unearth Your Recycling IQ Now!!' and a 'Saved' status. Below the header, there's a question number '6' in a small box. The question text is 'What is the proper disposal method for UT Dallas-owned electronics with an asset tag? (10 Points)'. To the right of the text is an image of several electronic devices with asset tags. Below the question, there are four radio button options: 'Single-Stream recycling', 'E-Waste' (which is selected and has a green checkmark), 'Printer Cartridges', and 'Campus Compost'.

Unearth Your Recycling IQ Now!! - Saved

Unearth Your Recycling IQ Now!! (100 Points)

Hi! Would you mind taking 5 minutes to complete this form? It would be great if you can submit your response by 5 Dec 2023. Thank you!

1

Do you know if UTD does recycling on campus?

The screenshot shows the completion screen of the Microsoft Form. At the top, there's a header bar with the title 'Unearth Your Recycling IQ Now!!' and a 'Saved' status. Below the header, there's a green recycling symbol. The main title of the form is 'Unearth Your Recycling IQ Now!! (100 Points)'. Below the title, there's a message: 'Hi! Would you mind taking 5 minutes to complete this form? It would be great if you can submit your response by 5 Dec 2023. Thank you!'. Below the message, there's a question number '1' in a small box. The question text is 'Do you know if UTD does recycling on campus?'. To the right of the text is the University of Texas at Dallas (UTD) logo.



# Survey Responses

## What types of plastic-based masks are accepted for recycling?

13% of respondents (1 of 8) answered this question correctly.

[More Details](#)

3-ply surgical masks	2
N95 masks	4
KN95 masks	1
All of the above	1 ✓



## Which material is considered under the Plastic Film category?

38% of respondents (3 of 8) answered this question correctly.

[More Details](#)

Glass	2
Metal	1
Paper	2
Grocery bags	3 ✓



## Which of the following items can be included in the Campus Compost program?

75% of respondents (6 of 8) answered this question correctly.

[More Details](#)

Plastic bottles	2
Metal cans	0
Eggshells, coffee grounds and s...	6 ✓
Laboratory glass	0

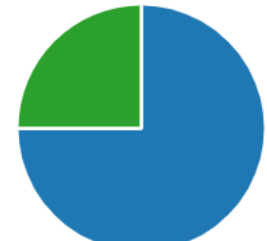


## Do you know if UTD does recycling on campus?

75% of respondents (6 of 8) answered this question correctly.

[More Details](#)

Yes	6 ✓
No	0
Maybe	2





Power BI

## Application 2: Power BI

Power BI My workspace

Search

File Export Save Explore this data Edit Show data table

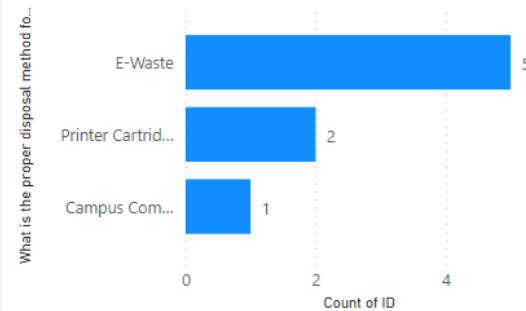
### Quick summary

Table

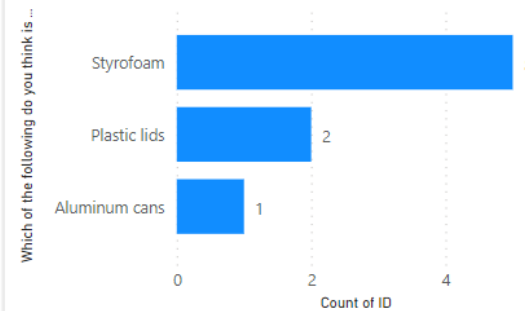
8

Count of ID

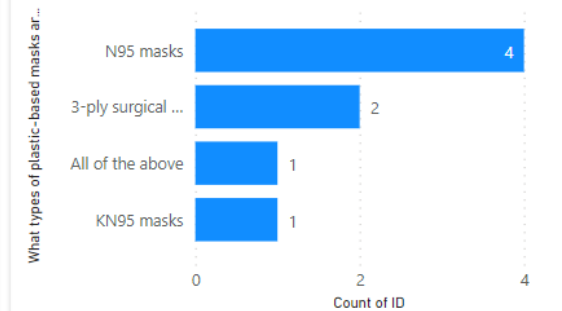
Count of ID by What is the proper disposal method for UT Dallas-owned electronics with an asset tag?



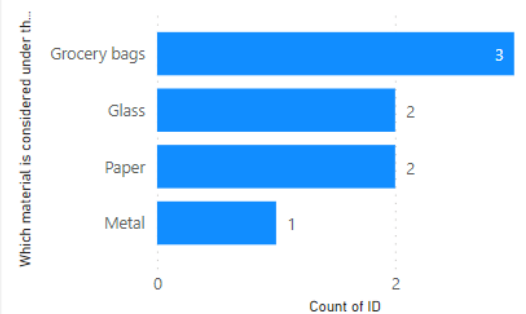
Count of ID by Which of the following do you think is a commonly mis-recycled item on campus?



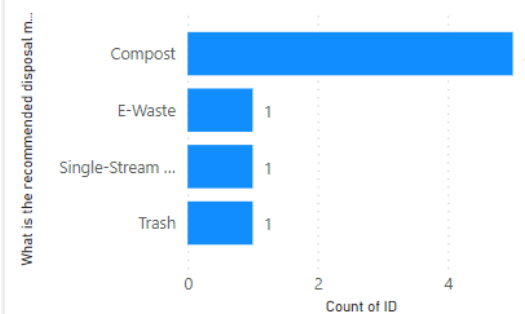
Count of ID by What types of plastic-based masks are accepted for recycling?



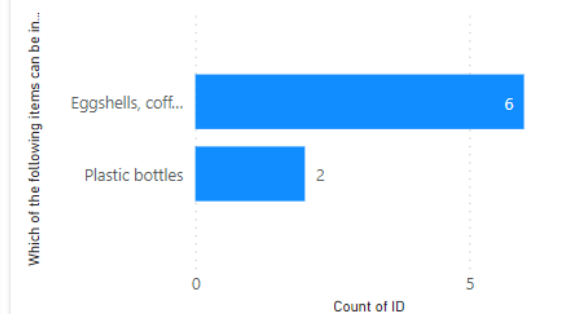
Count of ID by Which material is considered under the Plastic Film category?



Count of ID by What is the recommended disposal method for greasy pizza boxes?



Count of ID by Which of the following items can be included in the Campus Compost program?

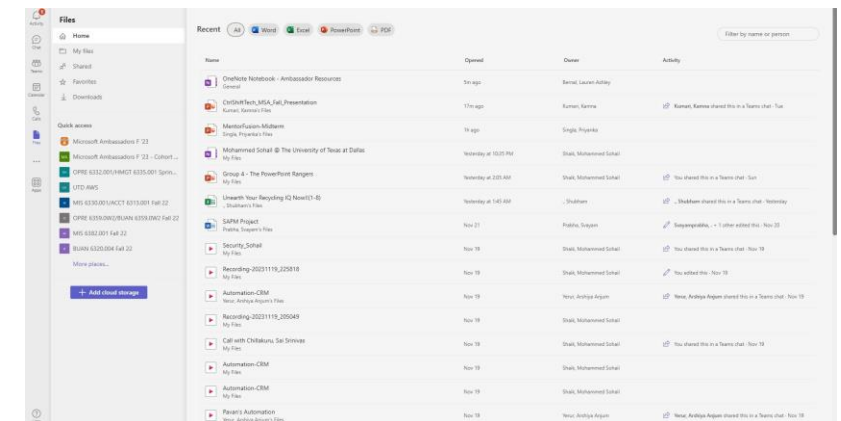
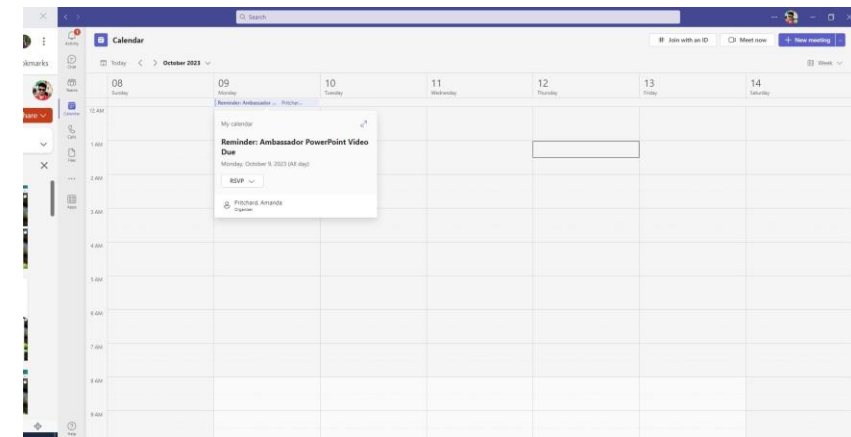


# Application 3: Microsoft Teams

Meetings and Video Conferencing.

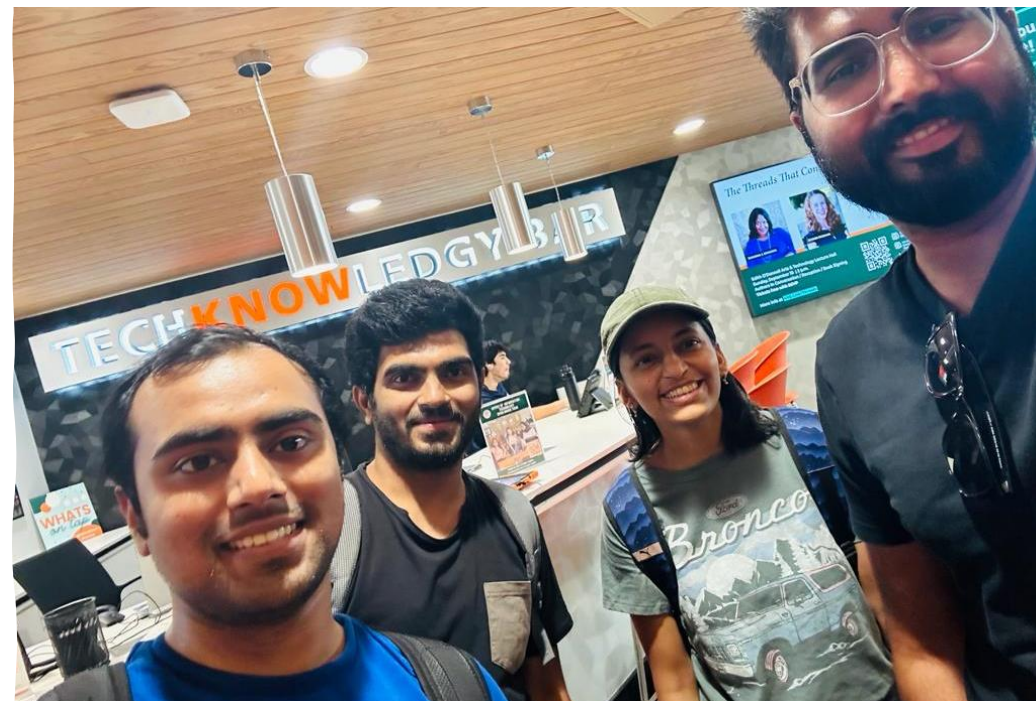
Calendar Tab and Meeting Reminders.

Files Tab with Collaboration and Integration  
with OneDrive & SharePoint





# Team CtrlShiftTech Presents



# Kamna Presenter Coach

## Your Rehearsal Report (Preview)

### Summary

Good job rehearsing! Keep up the hard work.

**2:32**  
total time spent

**5**  
slides rehearsed

### Fillers

To sound more polished and confident, try to avoid using filler words. Pause or take a breath to relax. Some filler words to avoid are:

basically

[Learn More](#)

### Repetitive Language



Nice work! Your variety of word choice will help keep your audience engaged.

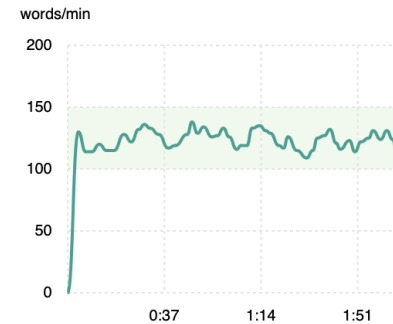
NEW

### Pace



Your pace is just right! Keep it up!

### Your average pace over time



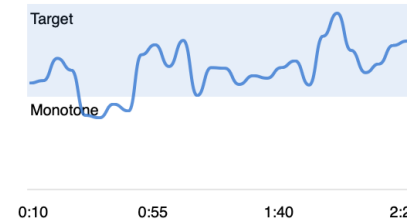
[Learn More](#)

[Rehearse Again](#)

How was your experience? ☆☆☆☆☆

### Pitch

Low pitch variation will make your audience lose interest. Try increasing the tone for your key points.



[Learn More](#)

### Originality

Try to avoid simply reading the slide. Here are the slides you might want to work on:



# Sohail Presenter Coach

## Your Rehearsal Report (Preview)

### Summary

Good job rehearsing! Keep up the hard work.

**3:02**  
total time spent

**24**  
slides rehearsed

### Fillers

To sound more polished and confident, try to avoid using filler words. Pause or take a breath to relax. Some filler words to avoid are:

umm

[Learn More](#)

### Repetitive Language

✓ Nice work! Your variety of word choice will help keep your audience engaged.

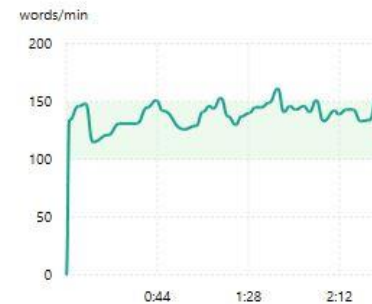
NEW

### Pace



Your pace is just right! Keep it up!

### Your average pace over time



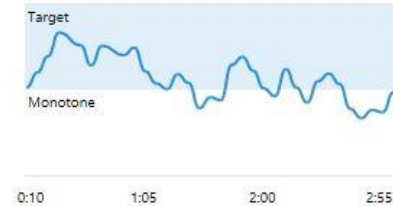
[Learn More](#)

[Rehearse Again](#)

How was your experience? ☆☆☆☆☆

### Pitch

Low pitch variation will make your audience lose interest. Try increasing the tone for your key points.



[Learn More](#)

### Originality

✓ You avoided reading slide text aloud. That's good for keeping the audience engaged with your message.

[Learn More](#)

# Ayush Presenter Coach

## Your Rehearsal Report (Preview)

[Rehearse Again](#)

### Summary

Good job rehearsing! Keep up the hard work.

**2:08**

total time spent

**11**

slides rehearsed

### Fillers

To sound more polished and confident, try to avoid using filler words. Pause or take a breath to relax. Some filler words to avoid are:

umm

uhh

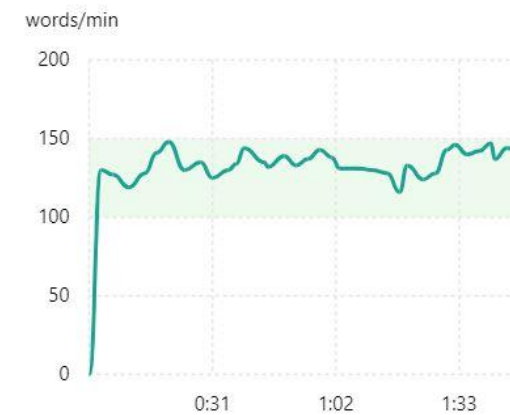
[Learn More](#)

### Pace



Your pace is just right! Keep it up!

### Your average pace over time



# Shubham Presenter Coach

## Your Rehearsal Report (Preview)

[Rehearse Again](#)

ⓘ Rehearse for more than one minute for Coach to better understand your speech and give recommendations.

### Summary

Good job rehearsing! Keep up the hard work.

**0:50**  
total time spent

**2**  
slides rehearsed

### Fillers

To sound more polished and confident, try to avoid using filler words. Pause or take a breath to relax. Some filler words to avoid are:

like umm

[Learn More](#)

### Repetitive Language

✓ Nice work! Your variety of

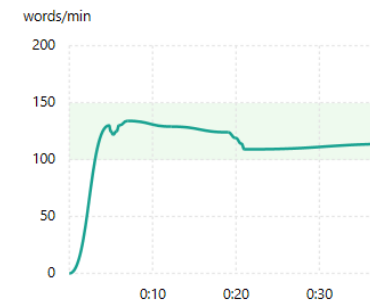
NEW

### Pace



Your pace is just right! Keep it up!

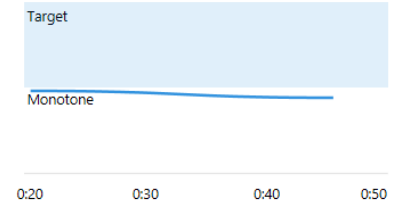
### Your average pace over time

[Learn More](#)

How was your experience? ☆☆☆☆☆

### Pitch

Low pitch variation will make your audience lose interest. Try increasing the tone for your key points.

[Learn More](#)

### Originality

✓ You avoided reading slide text aloud. That's good for keeping the audience



THANK  
YOU