

《學術英語Power Up》 Unit 7

授課教師：南臺科技大學陳憶綺助理教授

課程名稱：英語圓桌會(二)(B)

教學主題：Steps to Making Summaries
& Prepare for the First Discussion



Week 5-6

First Discussion & Steps to Making Summaries

Beyond ChatGPT:

Revolutionizing Medical Diagnostics with AI Models

ChatGPT, the most well-known AI model, is able to interact with its users in such a sophisticated manner that many people find it hard to accept that it is not actually a person. ChatGPT is able to do this because it has been trained using vast amounts of textual data. Other AI models, however, have been trained using other types of data. Some of the most compelling examples are the models trained on medical images such as X-rays and ultrasound scans (超音波掃描). These models are fed millions of medical images of both healthy and unhealthy people, so that they can quickly and reliably distinguish between the two. This is particularly useful for diseases, such as cancer, which are exceedingly difficult for people to properly identify in their early stages—the stages at which treatment is most effective.

The use of these models can, thus, significantly improve medical professionals' ability to diagnose certain diseases; moreover, they can do so at a highly affordable rate. Because the models are software and not hardware, they can be easily reproduced for as many medical facilities as necessary; no additional medical infrastructure is necessary. The overwhelming majority of hospitals in developed countries already process their medical imagery electronically, so they do not even have to change these processes to allow for the use of diagnostic AI models. These models can simply be added to the already existing processes.

Before we start...

Browse the article first.

Mark the keyword and significant sentences.

Try to conclude the article with one sentence.
(Main Point)

2 圖文摘要步驟與技巧

在 Unit 6，我們練習了摘要與闡述的技巧。在本單元中，我們將以前兩頁的文章及圖表為素材，說明圖文摘要統整的技巧，包含五個步驟：

- (1) 形成第一印象
- (2) 摘錄文章中的關鍵句子
- (3) 統整並改寫關鍵句子
- (4) 摘要圖表重點，分析圖表與文章內容的關係
- (5) 撰寫摘要

1. Mark Keywords
 2. Keep notes with your own words
-

步驟 (1)：形成第一印象

快速瀏覽文章與圖表標題，然後簡短寫下對大意的印象：

文章標題： Beyond ChatGPT: Revolutionizing Medical Diagnostics with AI Models	第一印象： Diagnostic AI models are useful and transforming the medical field.
流程圖標題： How a diagnosis is made with AI	

1. Mark the Keywords (revolutionizing / diagnostics / AI / Medical)
 2. Rewrite with your own words. (Using synonyms 同義字)
-

步驟 (1)：形成第一印象

快速瀏覽文章與圖表標題，然後簡短寫下對大意的印象：

文章標題： Beyond ChatGPT: Revolutionizing Medical Diagnostics with AI Models	第一印象： Diagnostic AI models are useful and transforming the medical field.
流程圖標題： How a diagnosis is made with AI	

Mark the Key Sentences

步驟 (2)：摘錄文章中的關鍵句子

重點	關鍵句子
1. Training of medical AI models	“... the models that have been trained on medical images such as X-rays and ultrasound scans.” “These models are fed millions of medical images of both healthy and unhealthy people, so that they can quickly and reliably distinguish between the two.”

p68

Mark the Key Sentences (練習)

2. Improvement in diagnostic abilities	<p>“This is specifically useful for diseases, such as cancer, which are exceedingly difficult for people to properly identify in their early stages.”</p> <p>“The use of these models can, thus, significantly improve medical professionals’ ability to diagnose certain diseases ... at a highly affordable rate.”</p>
3. Integration and accessibility	<p>“Because the models are software and not hardware, ... no additional medical infrastructure is necessary.”</p> <p>“... hospitals in developed countries already process their medical imagery electronically, so they do not even have to change these processes to allow for the use of diagnostic AI models.”</p>

p69

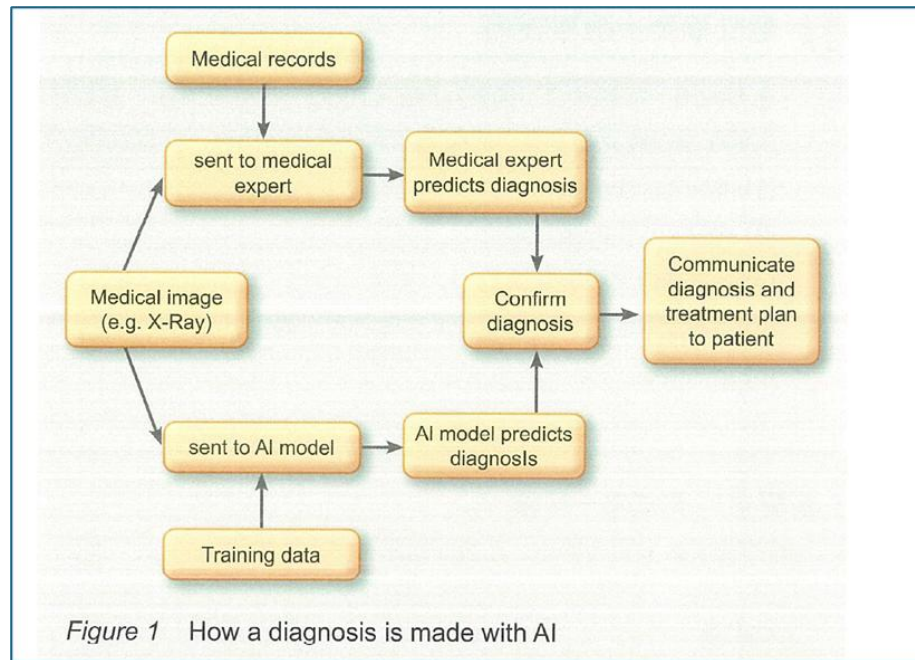
Organize and Rewrite

步驟 (3)：統整並改寫關鍵句子

重點	統整並改寫之關鍵句子
1. Training of medical AI models	Medical AI models are trained using a large dataset of images, which enables them to quickly analyze the medical imagery of new patients and effectively identify those with and without medical conditions.
2. Improvement in diagnostic abilities	Utilizing these models can greatly enhance doctors' ability to spot illnesses like cancer early.
3. Integration and accessibility	AI models can easily fit into current medical practices without major changes or high costs, making them widely usable in medical diagnostics.

p69

Summarize the Figure in One Sentence (Keywords) 以一句話說明圖表內容（以關鍵字入手）



步驟 (4)：摘要圖表重點，分析圖表與文章內容的關係

本篇小論文包含一張流程圖，文中第三段說明了這張圖表的訊息，將 AI 如何融入現有診斷流程說明得更清楚，為文章論述提供支持細節。圖表重點訊息可以一句話摘要如下：

AI can be used alongside medical experts so that diagnoses are confirmed twice.

Making a Summary

步驟 (5)：撰寫摘要

將步驟 (3) 與 (4) 改寫的句子連結起來，寫成一個連貫的段落，請見以下範例。這篇摘要約 90 字，整體結構如下：

1. 第 1 句：闡述全文主旨。
2. 第 2 句：說明 image-based AI 可如何提升醫療診斷效能。
3. 第 3 句：援引流程圖，詳述 AI 融入診斷系統的方式。
4. 第 4 句：說明 AI 診斷系統的其他優點，費用低且不需採購額外設備。
5. 第 5 句：綜合文章提到 AI 診斷系統各項優點，進行總結。

Making a Summary

摘要示例

¹AI models trained with existing medical images are transforming how we diagnose diseases. ²Image-based AI can quickly analyze the medical imagery of new patients to spot illnesses like cancer early. ³These models are highly effective and can be used alongside medical experts so that, as shown in Figure 1, each diagnosis is confirmed twice, once by experts and once by an AI model. ⁴Furthermore, these models can diagnose at a much lower cost, needing no extra medical equipment. ⁵Most hospitals can readily integrate them into their existing systems, thereby enhancing the cost-effectiveness, accessibility, and efficiency of advanced diagnostics.

Research and Organizing Information

- (1) 形成第一印象
- (2) 摘錄文章中的關鍵句子
- (3) 統整並改寫關鍵句子
- (4) 摘要圖表重點，分析圖表與文章內容的關係
- (5) 撰寫摘要



The Process of Research

1. Write down your first impression.
2. Summarize the Key Sentences.
3. Organize and Rewrite.
4. Summarize the Key Ideas of Graphs.
5. Writing Abstracts.

Practice: Rewrite the Summary

- (1) 形成第一印象
- (2) 摘錄文章中的關鍵句子
- (3) 統整並改寫關鍵句子
- (4) 摘要圖表重點，分析圖表與文章內容的關係
- (5) 撰寫摘要

Follow the steps and rewrite the summary.
Use your own words.
Work with partners.
(挑兩組上台展演)

First Discussion: “Is Goblin Mode the New Work Ethic?”

Read about Goblin Mode

Goblin Mode

Origin

The term "Goblin Mode" first appeared online around 2009. It became popular in early 2022 due to a fake headline involving actress Julia Fox.

The term quickly spreads on social media platforms like Twitter and TikTok.

Definition

Goblin Mode is a slang term for behavior that is “self-indulgent, lazy, and messy”. It means doing whatever you want without caring about social norms or expectations. People in Goblin Mode might eat junk food, wear pajamas all day, and ignore chores.

Background
Reading

*資料由Copilot生成

First Discussion: “Is Goblin Mode the New Work Ethic?”

Example

Imagine someone spending the weekend in Goblin Mode. They might:

- Eat ice cream straight from the container.
- Wear the same clothes for several days.
- Watch TV shows for hours without moving.

Influence

Goblin Mode became popular during the COVID-19 pandemic. Many people felt overwhelmed and stressed, so they embraced Goblin Mode as a way to relax and take care of themselves. It represents a rejection of the perfect, curated lives often shown on social media.

Goblin Mode shows that it's okay to be imperfect and take a break from societal pressures. It can be a healthy way to cope with stress and focus on personal comfort.

First Discussion: “Is Goblin Mode the New Work Ethic?”

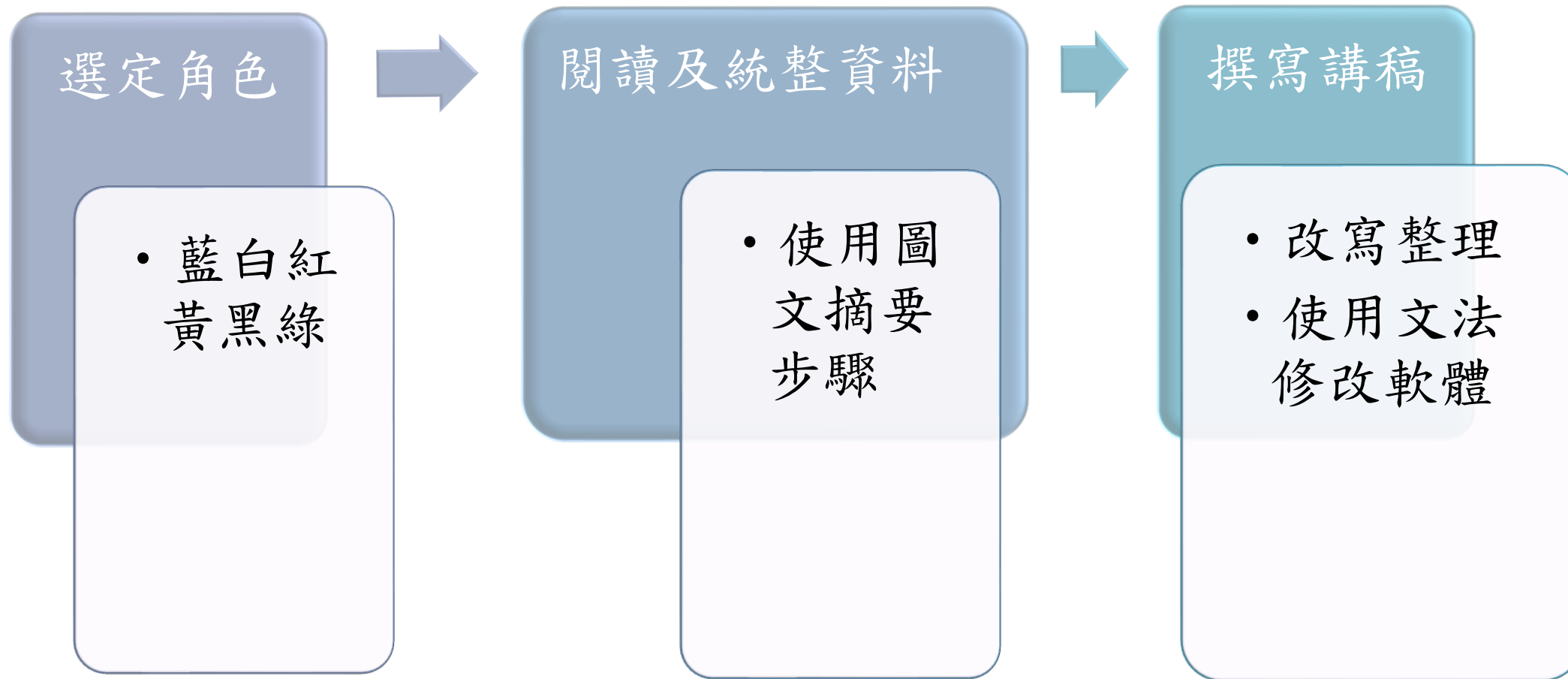
Read the handout of “Goblin Mode.” Also, please do more research for your own perspectives.

Please sit in groups of six and begin to assign the six roles for the discussion.

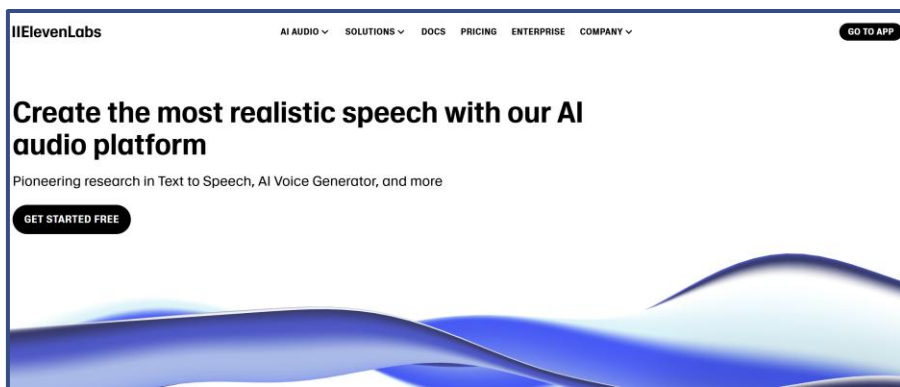
The group leaders, please lead the discussion about “Is Goblin Mode the New Work Ethic?”

課堂小組討論

First Discussion: “Is Goblin Mode the New Work Ethic?”



Group Discussion and Text Preparation



Use these resources to prepare your text for the discussion performed next week. Please be well-prepared!



Grammarly

<https://www.grammarly.com>

Grammarly: Free AI Writing Assistance



口說/寫作練習活動

Please prepare for the first discussion based on the roles of the six-thinking-hat you pick. The discussion will be presented in groups on the stage next week.



Class Dismissed!

