第 8 集： Affective AI – 情感型人工智慧

都還沒睡醒，AI 就先沖好咖啡了！而且是以我們習慣喜歡的方式，貼心準備。
這將會是我們生活的日常嗎?

<div align="center">Can you really feel what I feel?</div>

<div align="center">AI 真能感同身受? 真能懂我們嗎?</div>

A. News in Tech Tones

A Japanese nursing robot was observed comforting elderly patients with gentle words and touch-based AI systems.
日本的一款安養機器人能以溫柔的語言和觸覺式 AI 系統安撫長者。

This development is part of a new wave of affective AI, designed to recognize and respond to human emotions.
這項技術屬於新興的情感型人工智慧（affective AI），目的是辨識並回應人類情緒。

By integrating emotional sensing with soft interaction, the robot aims to simulate empathy and offer comfort in healthcare settings.
結合情緒感測與柔性互動，這款機器人試圖模擬同理心，在照護情境中帶來心理上的撫慰。

B. Tech Key Words

Affective AI，情感型人工智慧

Affective = related to emotions, feelings, or moods（和人的情感、感受 或心情有關的）

AI (Artificial Intelligence) = the ability of machines or computer programs to perform tasks that usually require human intelligence.（讓機器能模仿人類的思考、學習、判斷和解決問題）

對話練習：

A： I don't feel like talking today…
我今天不太想說話…

B（AI）：I understand. Affective AI helps me notice changes in your voice. Would you like some music?
我懂。情感型 AI 讓我能察覺你聲音的變化。要來點音樂嗎？

C. If Technology can talk

I detect emotions — but empathy needs experience.

我能偵測情緒，但同理心，需要經驗。

D. 字彙整理

Robot　　機器人

Recognize 辨識

Empathy　同理心

E. 關鍵字應用練習

Q1. What is Affective AI?

☐ A. AI that can recognize and respond to human emotions

☐ B. AI that only solves math problems

☐ C. AI that controls machines without human input

Q2. How does Affective AI work?

☐ A. By using emotional sensing and soft interaction

☐ B. By ignoring people's feelings

☐ C. By copying only physical movements

Q3. Why is Affective AI important in healthcare?

☐ A. It makes robots stronger and faster

☐ B. It helps comfort patients by simulating empathy

☐ C. It replaces all human doctors completely

Q4. (造句練習 sentence builder) 請用 Affective AI 造一個屬於你的句子。

舉例

主詞	動詞/動詞片語	其他元素
Affective AI	helps	robots recognize human emotions.
Nurses	use	Affective AI to comfort elderly patients.
This robot	is designed	with Affective AI to show empathy.

我的句子：＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

AI 透過演算學會貼心

Maybe we can learn to be kinder!

也許我們人類，也能透過學習變得更溫柔。