

人工智能廳

AI GALLERY

趣味習作 Activity Sheet

高小程度或以上 Upper Primary Level or Above

新發現或創新科技的誕生往往都離不開「以人為本」這個原則。先細想想你在衣、食、住、行各方面有甚麼需求，然後從展品中獲取靈感，創造一件能解決你日常所需的科技產品吧！

New discoveries or innovative technologies often adhere to the “human-centred” principle. First, figure out your needs in terms of clothing, food, housing and transportation. Then, capturing inspiration from the exhibits, try to create a technological product that addresses your everyday needs!

探索階段 KICK-OFF POINT

試列舉出衣、食、住、行四方面的各種需求。

Try to list the various needs in terms of clothing, food, housing and transportation.

獲取靈感 CAPTURE YOUR INSPIRATION

挑選一件令你最印象深刻的展品。

Choose an exhibit that impressed you the most.

展品名稱：

Name of the Exhibit:

你所挑選的展品涵蓋以下哪項技術或範疇？可選多於一項。

Which of the following technologies or fields does your selected exhibit cover?

More than one option can be chosen.



雲端計算 Cloud Computing

透過網絡存取運算資源，包括應用程式開發工具、伺服器、資料儲存等。

Accessing computing resources over the network, including application development tools, servers, data storage, etc.



電腦視覺 Computer Vision

電腦系統從數碼圖像、影片和其他視覺輸入中所獲取的資訊來進行相應行動。

Computer system takes corresponding action based on acquired information from digital images, videos, and other visual inputs.



模擬技術 Simulation

在人工智能領域中，利用各種模擬情景來收集多樣化的數據，以增強其學習效能。

Various simulation scenarios are used to help artificial intelligence collect diverse data to enhance its learning efficiency.



機器學習 Machine Learning

人工智能系統根據數據和演算法來學習，從而提高性能。

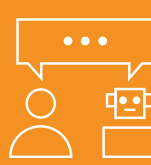
Artificial intelligence system learns from data and algorithms, thus improving the performance.



大數據 Big Data

數據的數量不斷增加、種類多樣化，而產生速度也越來越快。

The amount of data is constantly increasing, becoming more diverse and being generated at an ever-increasing rate.



自然語言處理 Natural Language Processing

使電腦可以理解、詮釋和處理人類的語言，令系統可以生成文章、歌詞和藝術作品等。

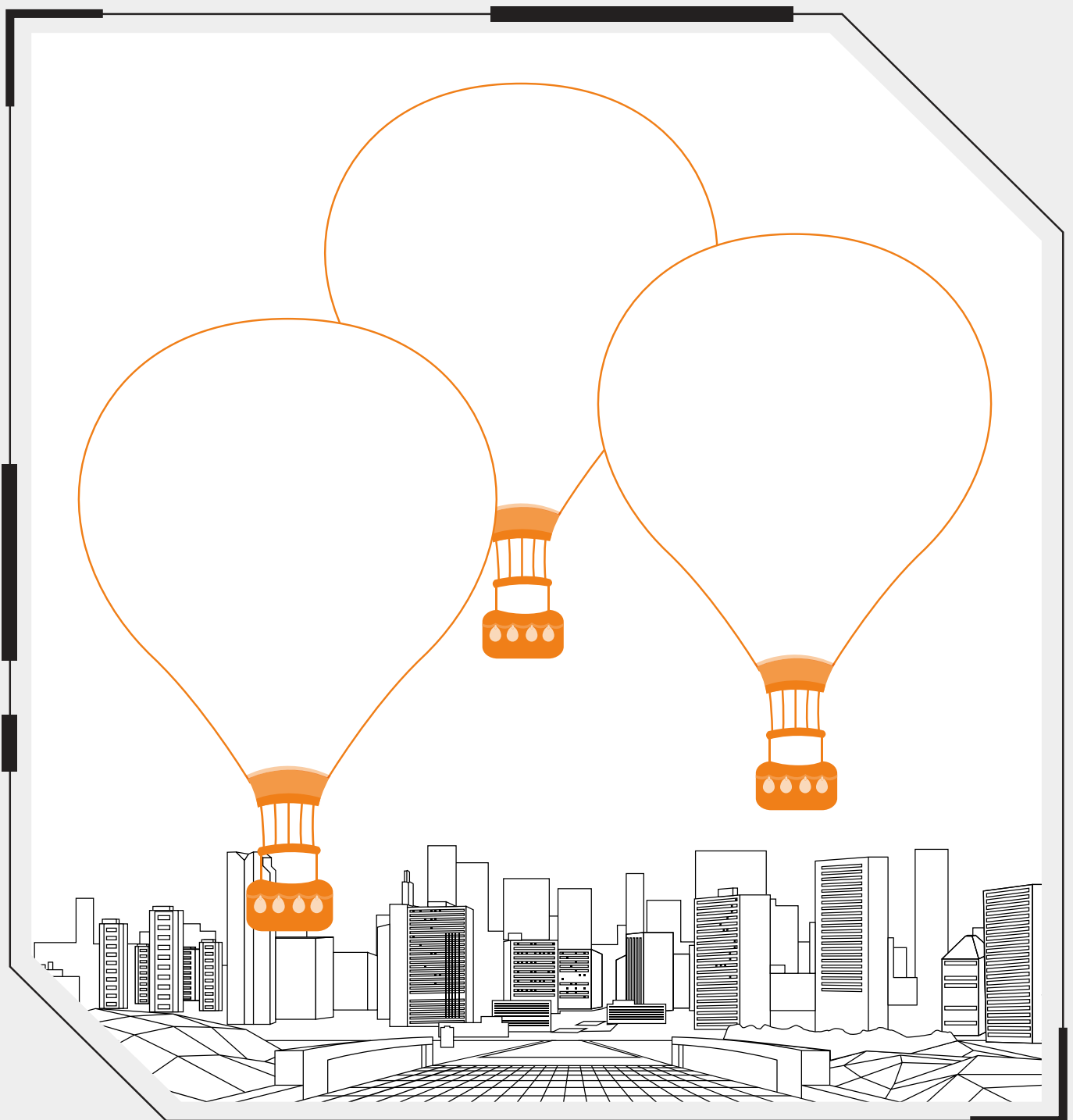
Computers can understand, interpret, and process human language, allowing systems to generate articles, lyrics and artworks, etc.

起動創意引擎 IGNITE THE CREATIVE ENGINE

分享你對人工智能的願景。
Share your vision for AI.

人工智能經常參與新創作和探究人類未知的領域。五十年後，人工智能為世界帶來甚麼改變？將你的期望寫在熱氣球中。

Artificial intelligence (AI) frequently contributes to new creations and delves into areas unknown to humans. What changes AI could bring to the world in the next fifty years? Record your expectations on the hot air balloon(s).



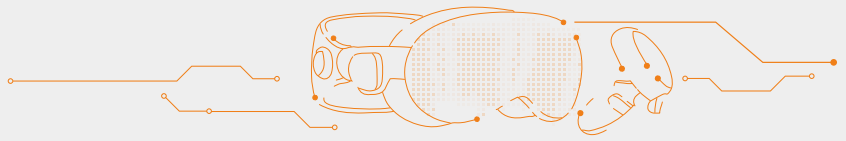
規劃創作藍圖 DESIGN YOUR CREATIVE BLUEPRINT

創作一件能解決你日常所需的科技產品！

Create a technological product that addresses your everyday needs!

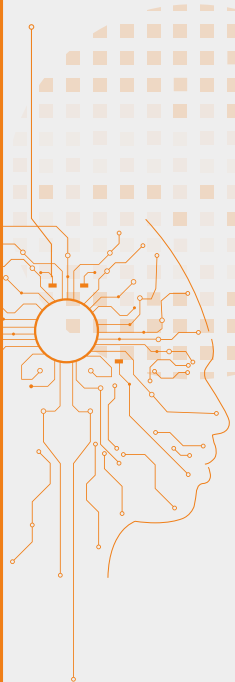
設計目的：

Purpose of this design:



試簡述這項創新產品的功能及它能應用哪種技術。

Briefly describe the functions of this innovative product and related technologies applied.



請畫出你的產品。
Draw your product.

能否移動？
Can it move?

比你的體形大或小？
Bigger or smaller than you?

各部分有甚麼用途？
What are the functions of each part?

它可否取代人類？
Can it replace humans?