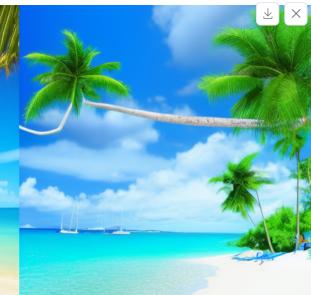
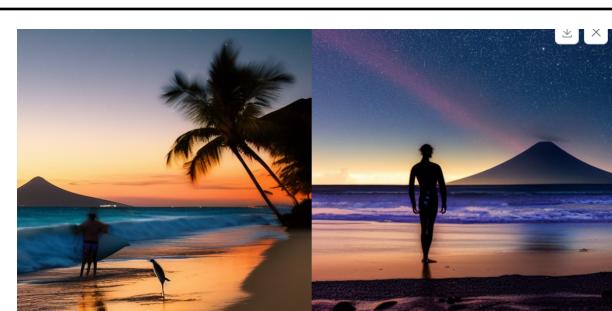


## Prompt Engineering

Prompt engineering is the practice of refining prompts for artificial intelligence to better understand and generate desired results. The more specific the prompt, the more precise the generated output. For instance, one word prompt such as, "a cat" is vague and can produce a number of different types of cats. For specificity, refining the prompt to, "A cat in a meadow during sunset, surrounded by a field of flowers," would produce a much more accurate and precise output.

In the prompt engineering lab, we did just that. We defined a very broad object, in our case, the beach. With each step, we incorporated more detail, such as scenery, time of day, objects, living creatures, and weather for emphasis. Prompt engineering is key to working with AI models because the generated prompts can further enhance the model.

<u>Steps</u>	<u>Prompt</u>	<u>Picture</u>
Step 1	The beach	 
Step 2	The beach in the tropics.	 

Step 3	The beach in the tropics at nighttime.	
Step 4	The beach in the tropics at nighttime, a volcano in the distance, and seashells along the shoreline.	
Step 5	The beach in the tropics at nighttime, a volcano in the distance, seashells along the shoreline, and seagulls flying in the skyline.	
Step 6	The beach in the tropics at nighttime, a volcano in the distance, seashells along the shoreline, seagulls flying, and the Milkyway lights up the dark night sky.	
Step 7	The beach in the tropics at nighttime, a volcano in the distance, seashells along the shoreline, seagulls flying, the Milkyway lights up the dark night sky, and a surfer rides some waves in the distance.	

Step 8	<p>The beach in the tropics at nighttime, a volcano in the distance, seashells along the shoreline, seagulls flying, the Milkyway lights up the dark night sky, surfer rides some waves in the distance as it begins to rain lightning hits the sand.</p>		
Step 9	<p>The beach in the tropics at nighttime, a volcano in the distance, seashells along the shoreline, seagulls flying, the Milkyway lights up the dark night sky, a surfer rides some waves in the distance as it begins to rain lightning hits the sand, and a mermaid is sitting on rocks by the water.</p>		
Step 10	<p>on a sandy beach in the tropics at nighttime, an erupting red volcano smokes in the distance, colorful and large seashells along the shoreline, a flock of brown seagulls flying away from the island, the Milkyway lights up the dark bleak night sky, a tanned muscular surfer rides large blue violent waves in the distance as it begins to rain lightning hits the dry sand, and a beautiful red headed mermaid is sitting on rocks by the water watching the surfer.</p>		