

100xEngineers

Week 2 Practice Set

It's time to bring all your SDXL prowess and create something interesting.

The Time Capsule Exhibition

Your task is to create a series of **15 images** that fit into a timeline showing the evolution and progression of **Homo sapiens** on planet Earth. We will provide starting points for each of these ages.

Exercise 01

Instructions

1. Generate the relevant image using prompt engineering, capturing key moments from this lost civilization's history, from their mysterious beginnings to their untimely demise.
2. Generate ALL images in a cohesive visual style, similar to the image given below (figure out the style. Hint: We gave a clue in Lecture 4).
 - Use only the style from the reference image, not any other specific elements.
3. All images must be 1024 x 1024.
4. All images must be upscaled using a preferred upscaler.
5. Aesthetically, they must all flow together and convey a sense of grandeur, mystery, and eventual decay.
6. Avoid common AI distortions such as hand issues, tiling, distorted faces, etc.
7. Combine all images into a PDF and share it on Discord in the assignments channel(Just for Showcase).
8. Use SDXL

Timeline Overview:

1. **The Awakening** – Depicting the civilization's mysterious origins, shrouded in myth and legend, where their advanced knowledge seems to emerge from nowhere.
2. **The First Builders** – Showing their early architectural achievements, massive stone structures and intricate designs that outshine even the pyramids.
3. **Age of Innovation** – Highlighting their incredible technological advancements, from energy systems to mechanical wonders beyond modern comprehension.
4. **Masters of the Elements** – Illustrating their mastery over nature, where they control water, fire, and air to build their sprawling cities.
5. **Cultural Renaissance** – Depicting a golden age of art, literature, and philosophy, where their cultural influence spreads far and wide.
6. **Heavenly Vessels** – Showing their exploration of the skies and possibly space, with strange aerial devices and knowledge of the stars.

7. **The Great Expansion** – Depicting their rapid expansion across continents, building colonies in every corner of the world.
8. **Mysterious Guardians** – Illustrating their creation of powerful guardians, ancient robots, or golems to protect their cities.
9. **The Eternal Watchers** – Highlighting their creation of advanced AI-like beings, possibly blending their consciousness with machines.
10. **Conflict of Power** – Depicting the beginning of their downfall, internal conflicts and struggles for power tear their society apart.
11. **Shadows of the Catastrophe** – Showing the first signs of the great catastrophe that leads to their decline–natural disasters, plagues, or something even more mysterious.
12. **The Last Stand** – Illustrating their final efforts to survive, as their society crumbles and their technology begins to fail.
13. **Vanished Cities** – Depicting the abandoned ruins of their once-great cities, now overtaken by nature or hidden beneath the sands.

14. **The Forgotten Lore** – Showing the last remnants of their knowledge, hidden in ancient scrolls or holographic devices, left for future civilizations to discover.

15. **Echoes in Time** – A speculative look at how traces of their civilization still exist in modern times, possibly influencing our own development without us even realizing

Reference Image:



Exercise 02

We have attached a series of **3 SDXL** generated images—but they are corrupted in some way or another. Your goal is to figure out the **EXACT metadata** (Prompt, Seed, Sampler, CFG, Steps, etc.) for the image; once you have that, input all the fields into **SDXL** and tweak 1-2 of the parameters to un-corrupt the image. Every image has only **1-2 parameters** tweaked in the wrong way to corrupt it. Good luck, agent!



For Example:



The image on the left is 512x512 Using a SDXL Model

The image on the right is 1024 x1024 using a SDXL Model

<https://pngchunk.com/>

Use this to figure out the metadata for the image.