Dolphin Unvails the Future of Design

Introducing New Skilling for Design Intelligence

Are You Interested Learning Mathematics of Geometric Art?

This course can be beneficial for developing technical art skills, fostering creativity, and gaining a deeper appreciation for patterns and their history. It enhances artistic precision, improves spatial awareness, and develops problem-solving skills. It can also foster a deeper understanding of visual order, create a modern aesthetic, and provide a means for emotional and spiritual expression. Additionally, it can lead to a more contemplative and mindful experience through the creation and appreciation of complex, repeating patterns. This course is accessible to all skill levels and can teach a wide range of computational techniques.

Course Title: Create Geometric Art Using Computer Programming

Geometric art is characterized by the deliberate use of non-representational basic shapes like circles, stars, and polygons, often arranged in symmetrical patterns that can appear to extend infinitely. It represents mathematical precision and aesthetic harmony, providing a rich source of inspiration for both visual art and architecture. It focuses on form, color, and spatial relationships rather than literal depiction, aiming to evoke visual emotion, balance, and a sense of universal truth with their infinite tessellations representing divinity. This course teaches how to create geometric patterns using programming. Upon completion, you will be able to discover mathematics as the universal language that transcends cultural barriers and express fundamental concepts of art. This course is an excellent entry point for beginners to develop artistic and computing skills applicable to AI.

Course Infomation

- **Start Date:** First Monday of every month
- **Duration:** 4 weeks (2 sessions/week)
- **Format:** Instructor-led sessions, hands-on projects, and creative challenges
- **Target Learners:** students, professionals, and art enthusiasts
- **Registration Email:** info@bapfoundation.org

What will you Learn?

- Fundamentals of art and design, from visual to computational forms
- How mathematics, algorithms, and logic shape creative design
- Hands-on projects combining art, data, computation, and Dolphin Studio
- Final project and presentation, blending creativity with structured reasoning

Course Structure

- **Week 1:** Introduction to Geometric Art Design and Creativity
- **Week 2:** Mathematics and Algorithms in Art
- **Week 3:** Computing of Art Tools and Techniques
- **Week 4:** Design Intelligence - Final Project and Presentation

Outcome and Certification

- ✓ Understand the basics of geometric art, logic, and computation
- ✓ Create a data-driven geometric art design project
- ✓ Receive an official Certificate of Completion