



AI for Photographers Course Outline





Duration: 3 Days

Related Courses:

Photoshop, Luminar AI, Topaz Labs, Lightroom, Mylio, Prisma, DeepArt, Google Photos, Huawei & Samsung Camera Apps, Photo Mechanic, Photolemur, ImagenAI, Remove.bg, Color.io

Course Overview and Objectives:

This course is designed for photographers looking to integrate AI into their workflow to enhance creativity, streamline processes, and improve efficiency.

Participants will gain a thorough understanding of AI tools and technologies applicable across all stages of photography, from pre-production and shooting to post-processing and distribution.

Through practical demonstrations, hands-on exercises, and expert guidance, photographers will learn to integrate AI into their workflows, allowing them to focus more on creative tasks while improving productivity and output quality.

Pre-requisites:

A basic to intermediate knowledge of design and software

AI for Photographers Course Outline

Understanding AI in Photography

- Overview of AI and its role in photographic
- Introduction to key AI concepts relevant to photography
- Benefits of integrating AI tools into the photography workflow

Image Manipulation and Enhancement

- Content-Aware fill
- Neural filters
- Sky replacement and lighting adjustment
- Skin enhancement and facial feature adjustment
- Detail preserving noise reduction
- Sharpen images and correct focus
- Quality preserving image enlargement

Creative Effects and Filters

- AI art filters
- Sky transfer

AI-driven Cameras and Apps

- AI-driven editing
- Content based categorisation and search
- Scene detection based editing

Specialized Tools

- AI-assisted culling
- AI-analysed and suggested colour grading

Creative AI Tools for Photography

- Exploring AI-driven creative tools (e.g., DALL-E, DeepArt)
- Techniques for generating creative effects and transformations

Workflow Automation

- Background removal
- AI photo editing assistant

Organization and Management

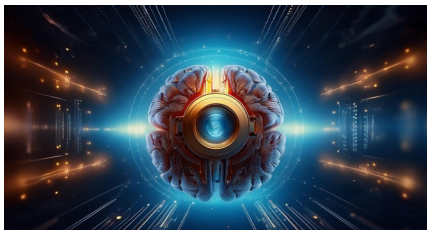
- AI-powered search (Image tagging)
- Face recognition
- Batch processing
- Introduction to AI-powered photo management tools (Adobe Lightroom, Google Photos)

Composite Photography and Image Synthesis

- Image composite creation and blending
- Tools and techniques for realistic AI-generated composites



Noise reduction and sharpening
AI algorithms can effectively reduce noise and sharpen images without quality loss, resulting in clearer and more polished images



Composite Image Creation
AI can assist in creating complex composite images by blending multiple photos seamlessly, allowing photographers to explore new artistic avenues without extensive manual work.



Predictive editing
AI can predict and apply adjustments based on previous edits, making the workflow more intuitive and aligned with the photographer's creative vision

Keywording and Metadata Generation

- Automated keywording and metadata generation
- Enhancing searchability and organization of photo archives

Portfolio Creation and Curation

- Automating portfolio creation with AI tools (e.g., Adobe Portfolio)
- AI-driven curation techniques for showcasing the best work

Client Communication

- AI chatbots and assistants for client interaction
- Automating email responses and inquiries with AI tools

Future Trends in AI and Photography

- Emerging AI technologies in photography
- Predictions on the future of AI in the photography industry
- Preparing for the future: skills and tools to stay ahead

Ethical Considerations in AI-Powered Photography

- Understanding the ethical implications of AI in photography
- Discussion in AI and copywriting, authenticity, and private issues
- Case studies on ethical dilemmas in AI-enhanced photography

We offer online support to clients on content covered on our courses.