QUANTUM-AI
THE SCHOOL OF DATA AND AI

AUTOCAD & INTERIOR DESIGN

Industry-Oriented | Practical-Based | Career-Focused

Welcome to Interior Design

The AutoCAD & Interior Design Course is designed to develop professional drafting and creative interior skills using AutoCAD. Students learn space planning, floor plans, furniture layouts, working drawings, and basic 3D modeling. With practical projects and industry-focused training, this program prepares learners for successful careers in interior design and CAD drafting.



QUANTUM-AI
THE SCHOOL OF DATA AND AI

WHY QUANTUMAI?

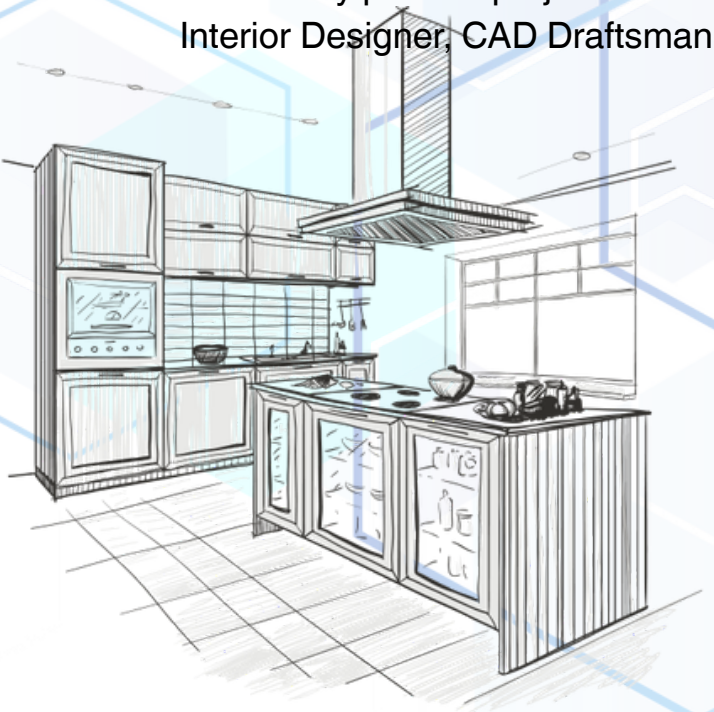
Quantum AI delivers a practical, job-focused Looker Studio Training Program designed to build real-world data visualization and reporting skills. The curriculum emphasizes hands-on projects using real datasets and live dashboard creation. Led by industry experts, the program provides exposure to modern BI tools and cloud platforms, making it ideal for beginners and professionals looking to grow in data analytics and business intelligence.

COURSE OVERVIEW

The AutoCAD & Interior Design Program is designed to build strong technical drafting and creative design skills required in today's interior industry. This course combines professional training in AutoCAD with practical interior design concepts such as space planning, layout development, materials, lighting, and working drawings.

Students learn to create detailed 2D floor plans, furniture layouts, electrical and plumbing drawings, elevations, and basic 3D interior models. The program focuses on real-world residential and commercial projects, ensuring hands-on experience with industry standards and execution workflows.

By the end of the course, learners will be able to design functional and aesthetic interior spaces, prepare professional CAD drawings, and confidently present projects to clients — making them job-ready for roles like Interior Designer, CAD Draftsman, or Site Coordinator.



QUANTUM-AI
THE SCHOOL OF DATA AND AI

WHAT YOU WILL LEARN

Introduction to Interior Design

- Fundamentals of Interior Design
- Elements & Principles of Design
- Color Theory & Lighting Concepts
- Space Planning Basics
- Residential vs Commercial Interiors
- Understanding Client Requirements
- Interior Materials & Finishes

AutoCAD Fundamentals

- Introduction to AutoCAD
- Interface & Workspace Setup
- Drawing Tools (Line, Circle, Arc, Rectangle, etc.)
- Modify Tools (Trim, Extend, Offset, Mirror, Array, etc.)
- Layers & Properties
- Text & Dimensions
- Blocks & Attributes
- Hatching & Gradients
- Printing & Plotting

2D Interior Drafting

- Floor Plan Drafting
- Furniture Layout Planning
- Electrical Layout
- Plumbing Layout
- False Ceiling Layout
- Elevation & Section Drawings
- Working Drawings with Dimensions

Advanced AutoCAD for Interiors

- Dynamic Blocks
- External References (XREF)
- Layout & Viewports
- Annotation Scaling
- Sheet Setup & Presentation
- CAD Standards for Interior Projects

3D Interior Visualization

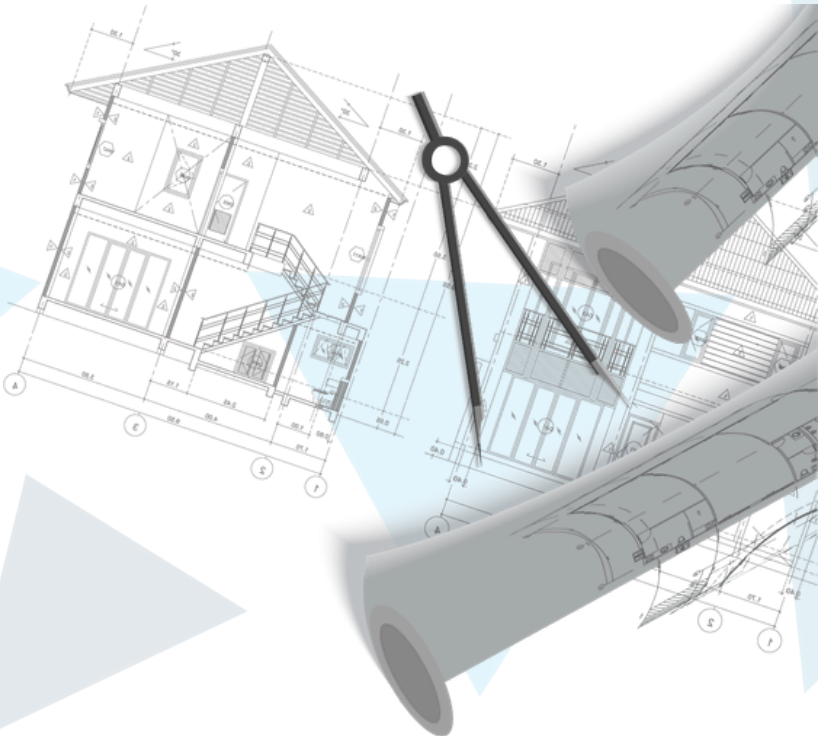
- Introduction to 3D Modeling in AutoCAD
- 3D Walls & Furniture Modeling
- Materials & Textures
- Lighting Setup
- Camera Views
- Basic Rendering Technique

Interior Design Practical Projects

- 1BHK Residential Project
- Modular Kitchen Design
- Bedroom Interior Design
- Office Interior Layout
- Retail Store Planning
- BOQ (Bill of Quantity) Preparation
- Client Presentation Techniques

Professional Skills

- Site Measurement Techniques
- Vendor Coordination Basics
- Budget Planning
- Project Execution Workflow
- Portfolio Development
- Interview Preparation



QUANTUM-AI
THE SCHOOL OF DATA AND AI



BUILD SCALABLE APPLICATIONS

Learn AUTOCAD & Interior Design with QuantumAI

Get in Touch

09870400650 info@quantumaico.com www.quantumaico.com

2nd Floor, Old dlf, C-1B, near Dr Lal Pathlabs, South City, Block C,
Old DLF Colony, Sector 14, Gurugram, Haryana 122001