

MeltCode - MeltPlan's Code Research AI

Get code requirements in minutes and not hours, and that too reliable, comprehensive, and well cited.

50 - 300 hours per project Time spent on building code research by architects

Architectural firms reported following impact in their organization after using MeltCode:

30% less spend on code consultants

More queries can be resolved by themselves rather than hiring a code consultant

45% faster code research

Questions can take 10 mins to 2 hours depending on the query by flipping codebooks or searching digital versions. MeltCode responds with accurate and comprehensive answers with detailed explanations in 1 - 4 mins

25% fewer inquiries from junior architects

Less queries bubble up to principals from junior architects, thanks to MeltCode

Flipping codebooks or keyword searches were very time consuming methods – scanning through dozens of code sections and further dozens of cross references to ensure they interpret code the right way.

ChatGPT or any other vanilla AI chat engine hallucinates or cites wrong sources, thus taking even more time for architects to double check everything and then eventually start from scratch.

MeltCode solved this problem by building an AI system, which:

- Only reads codes and not the internet
- Comprehensively read all code sections, even tables and images
- Provides an answer along with confidence scores, full explanations, chain of thought with every reasoning cited with code sections
- Even a personalized visual

To ensure MeltCode understood every architectural and construction nuance in building codes, we constantly measured it and improved it by taking building inspector exams and it scores 95+ % in all different types of building inspector exams.

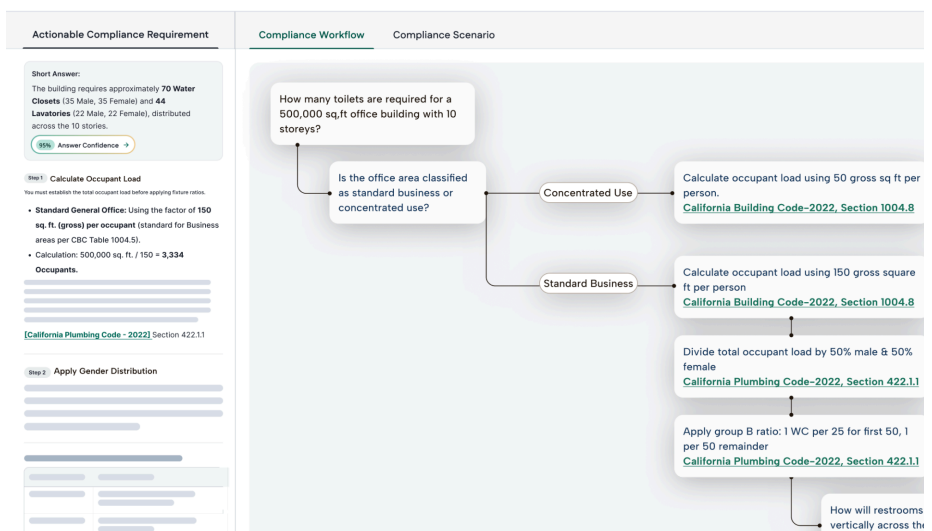
98% Mechanical Inspector Test (M2)

97% Plumbing Inspector Test (P2)

94% Residential Building Inspector Test (B1)

93% Commercial Building Inspector Test (B2)

Q. how many toilets are required for a 500,000 sq ft office building with 10 storeys



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