

AI Programming vs Traditional Programming (vsdiff.com)

Aspect	AI Programming	Traditional Programming
Definition	Involves creating algorithms that enable systems to learn from data.	Focuses on writing explicit instructions to achieve specific tasks.
Data Dependency	Heavily reliant on large datasets for training.	Minimal reliance on data; code is often static.
Flexibility	Highly flexible; can adapt and improve over time.	Less flexible; changes require manual code updates.
Complexity	Can handle complex tasks and problems.	Best for well-defined problems with clear steps.
Error Handling	Fear of unpredictable outcomes due to training errors.	Well-defined error handling through standard practices.
Development Time	Longer initial development time due to data training and model tuning.	Generally faster, as it deals with static code.

Source: <https://vsdiff.com/ai-programming-vs-traditional-programming/>