

1. The Context Window

Marking what the agent carries

An AI agent runs on a model with a 4,000-token context window, drawn below as cells of 100 tokens. The conversation so far uses 3,200 tokens. Mark each used cell with an X.

Step 1: Mark the used cells with an X

1 - 1,000	X	X	X	X	X	X	X	X	X
1,001 - 2,000	X	X	X	X	X	X	X	X	X
2,001 - 3,000	X	X	X	X	X	X	X	X	X
3,001 - 4,000	X	X							

Practice 1

An AI agent runs on a model with a 2,000-token context window. The conversation so far uses 1,600 tokens. Mark each used cell with an X.

Step 1: Mark the used cells with an X

1 - 1,000									
1,001 - 2,000									

Practice 2

An AI agent runs on a model with a 3,000-token context window. The conversation so far uses 1,200 tokens. Mark each used cell with an X.

Step 1: Mark the used cells with an X

1 - 1,000									
1,001 - 2,000									
2,001 - 3,000									