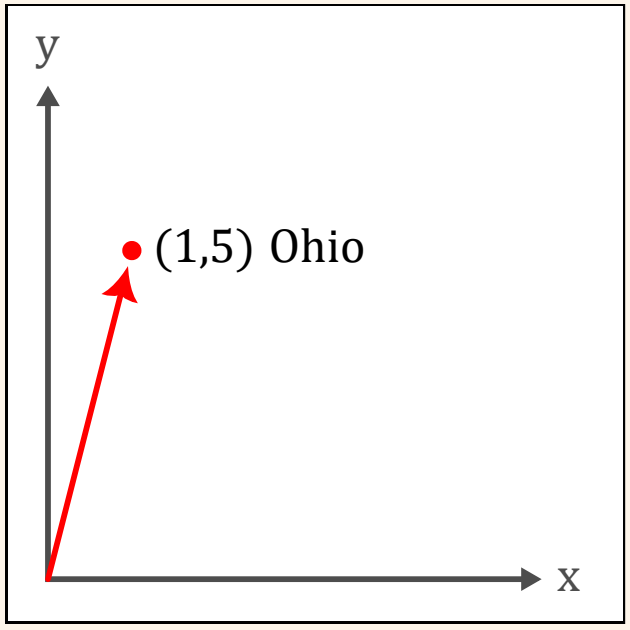
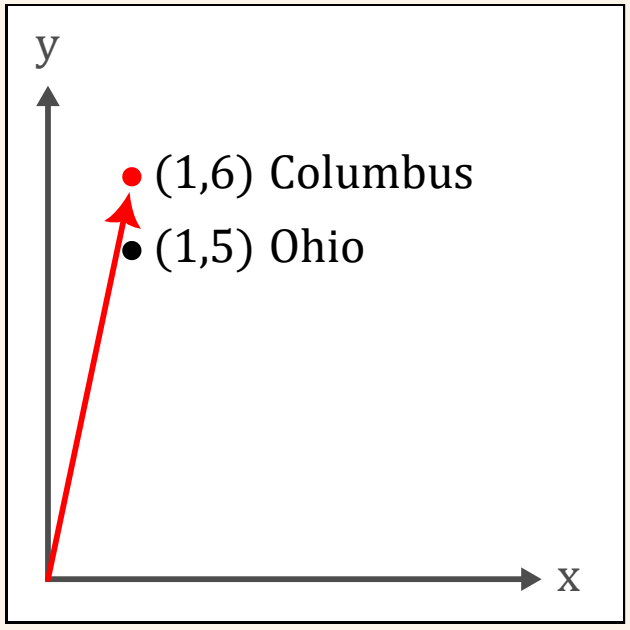
AI & Data

Large Language Models (LLMs)

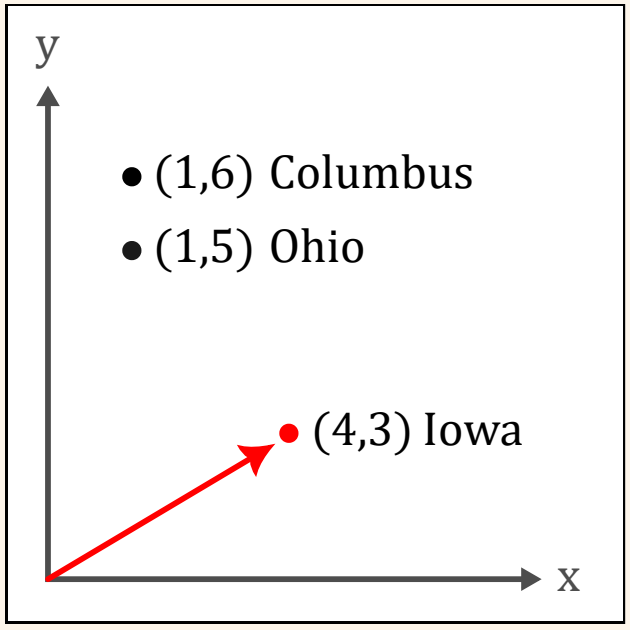


Ohio: $(1, 5)$



Ohio: $(1, 5)$

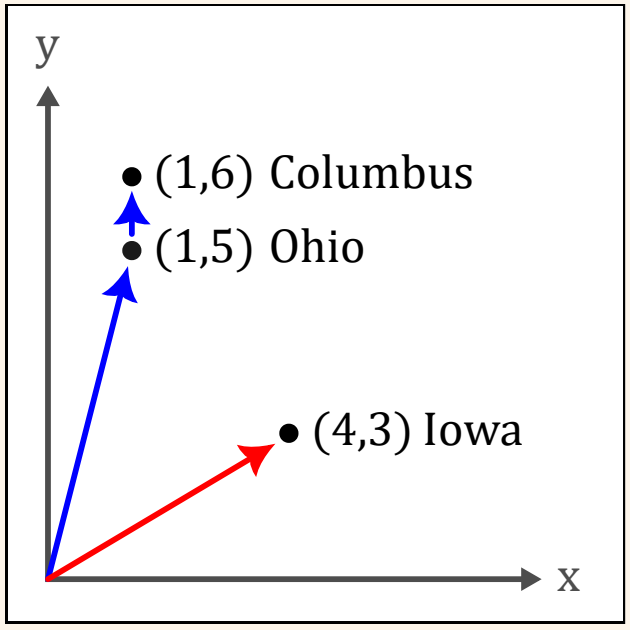
Columbus: $(1, 6)$



Ohio: $(1, 5)$

Columbus: $(1, 6)$

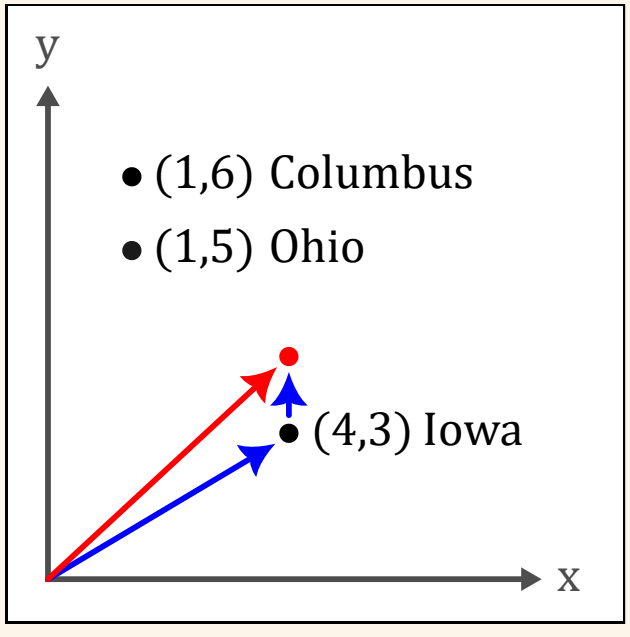
Iowa: $(4, 3)$



Ohio: $(1, 5)$

Columbus: $(1, 6)$

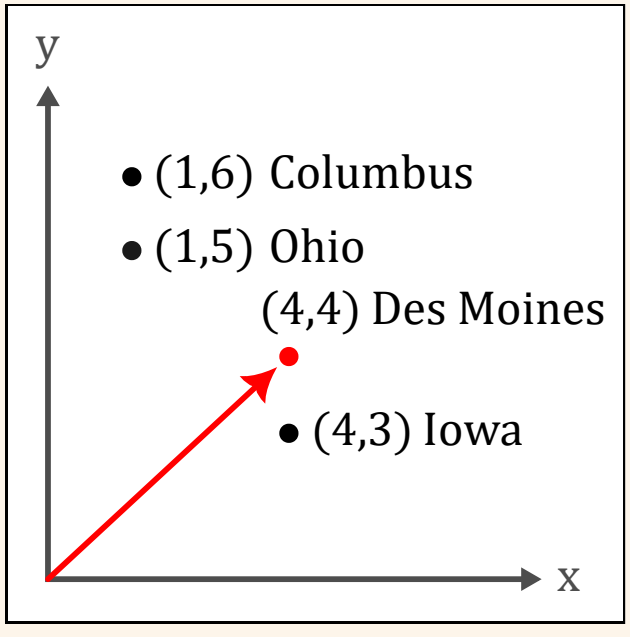
Iowa: $(4, 3)$



Ohio: $(1, 5)$

Columbus: $(1, 6)$

Iowa: $(4, 3)$

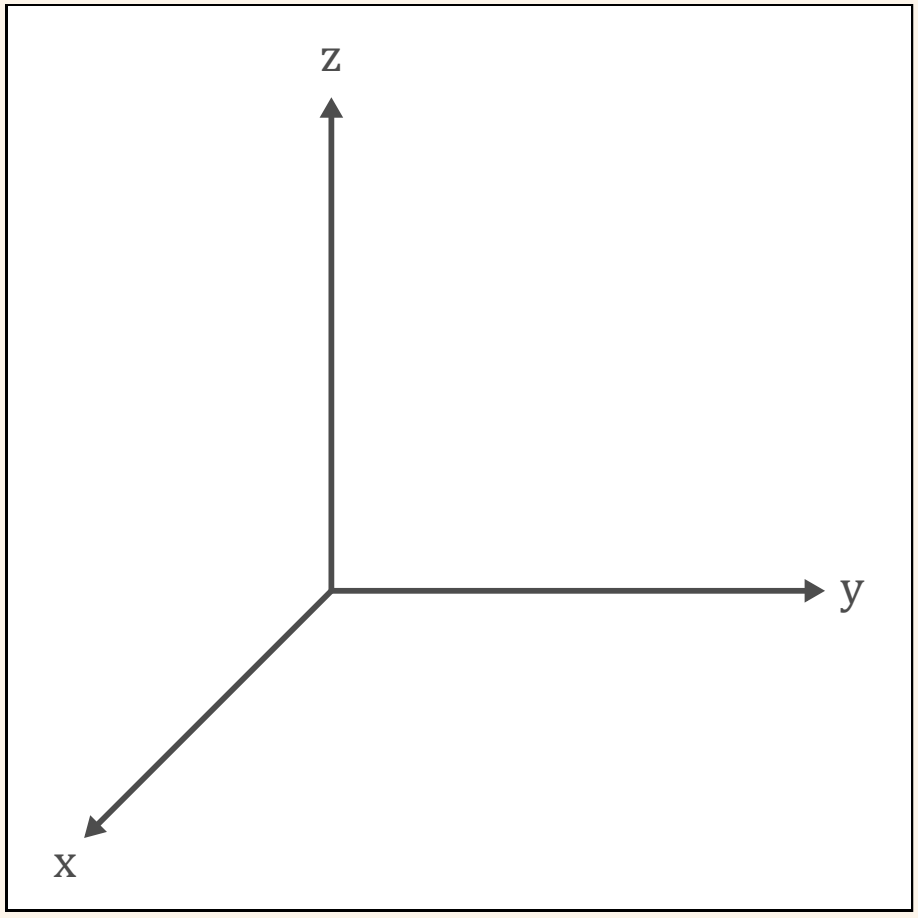


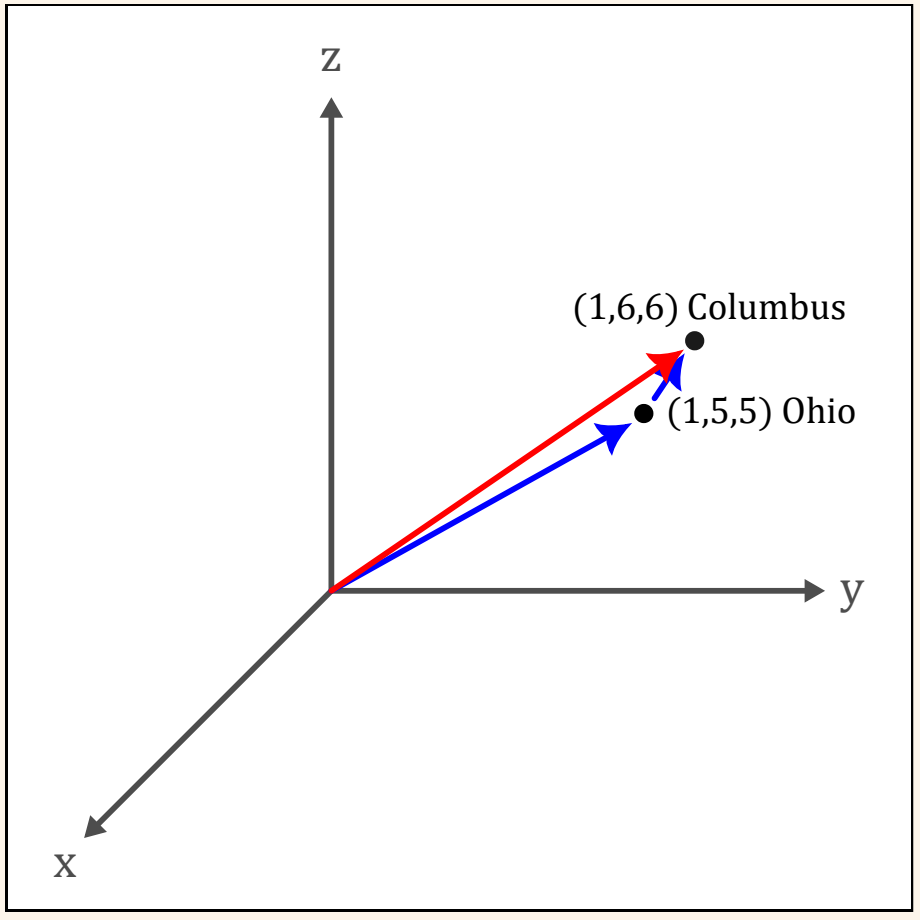
Ohio: $(1, 5)$

Columbus: $(1, 6)$

Iowa: $(4, 3)$

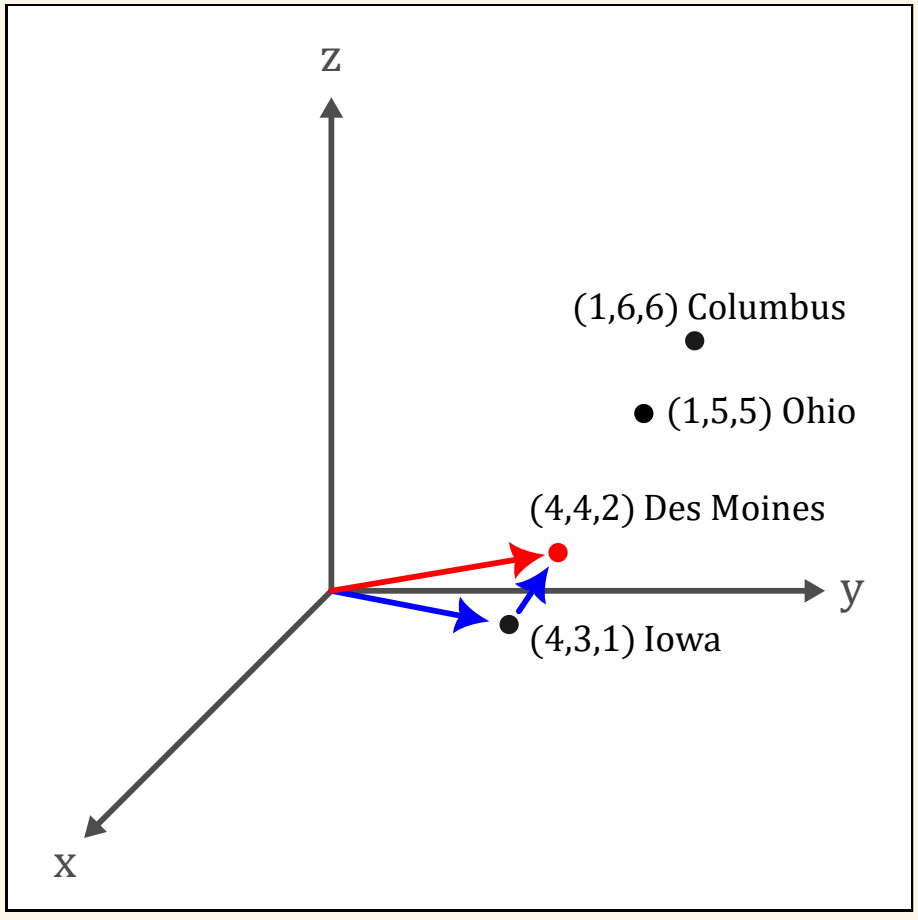
Des Moines: $(4, 4)$


z
y
x



Ohio: $(1, 5, 5)$

Columbus: $(1, 6, 6)$

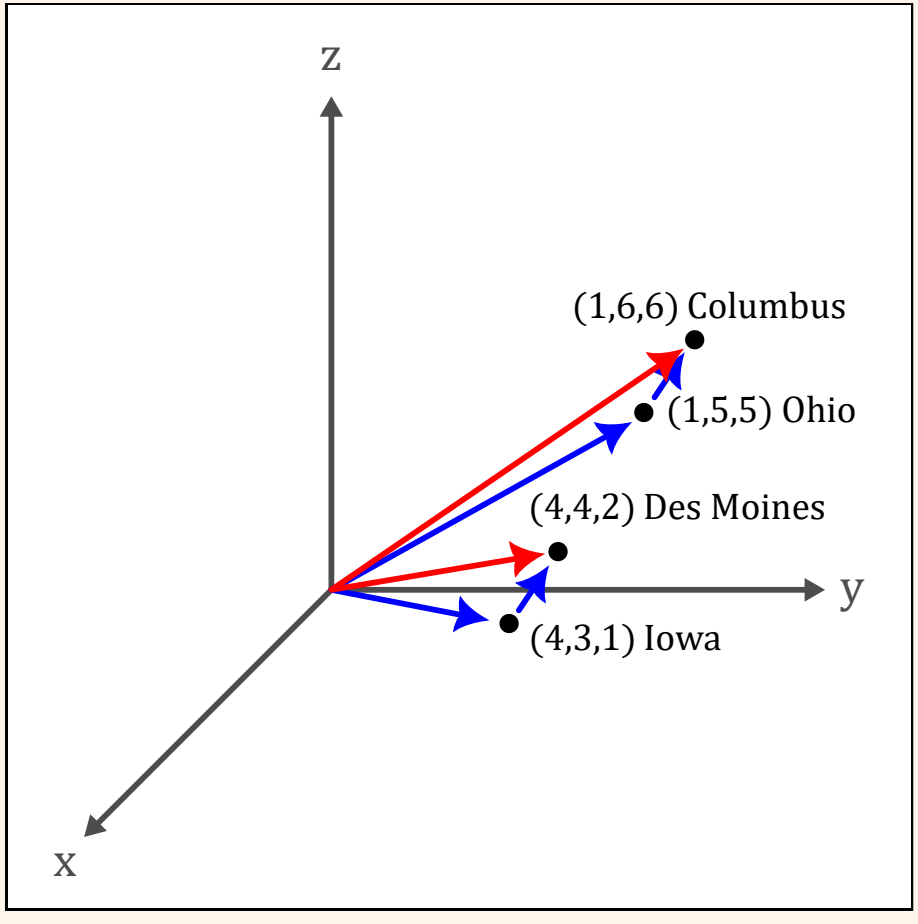


Ohio: $(1, 5, 5)$

Columbus: $(1, 6, 6)$

Iowa: $(4, 3, 1)$

Des Moines: $(4, 4, 2)$



Ohio: $(1, 5, 5)$

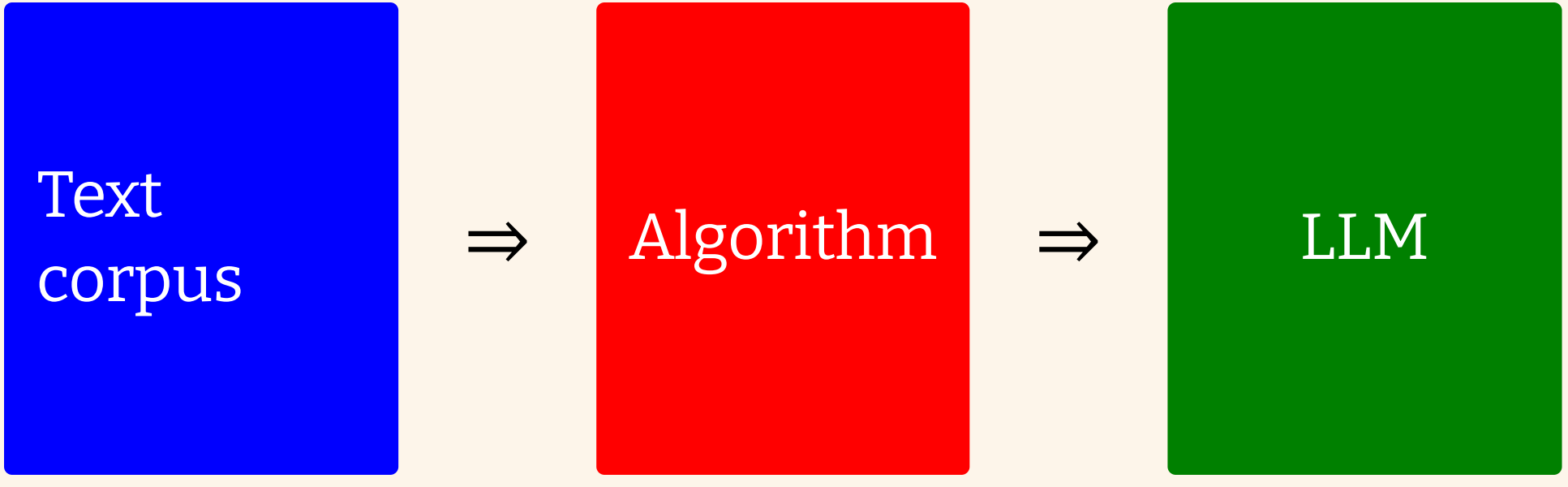
Columbus: $(1, 6, 6)$

Iowa: $(4, 3, 1)$

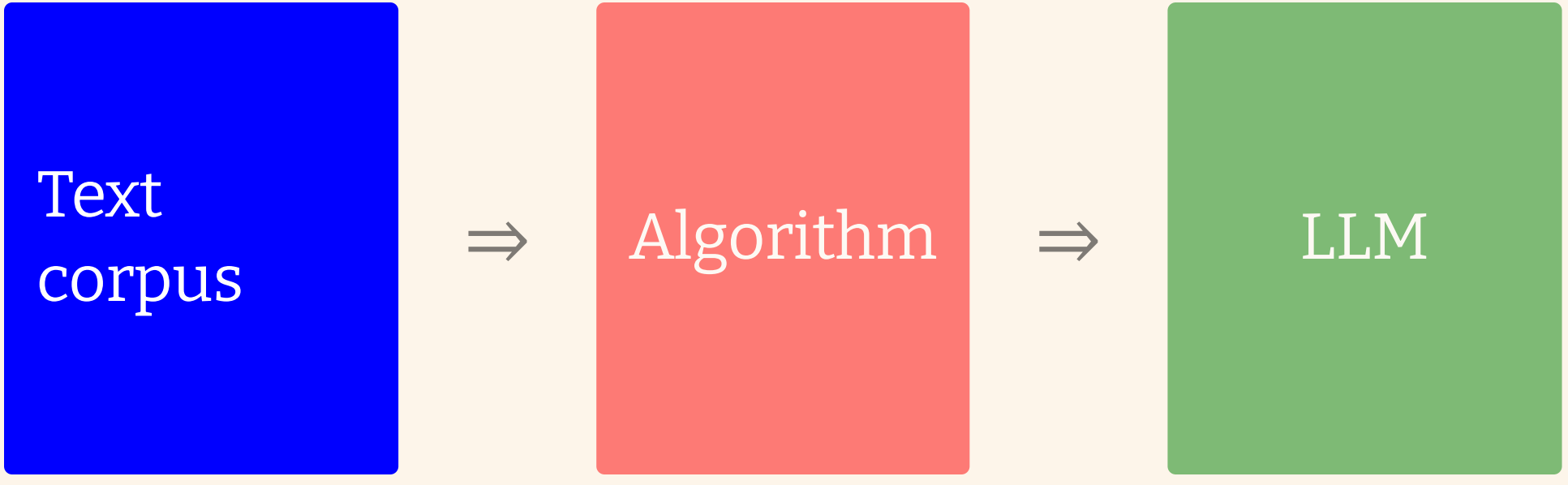
Des Moines: $(4, 4, 2)$

"state capital": $(0, 1, 1)$

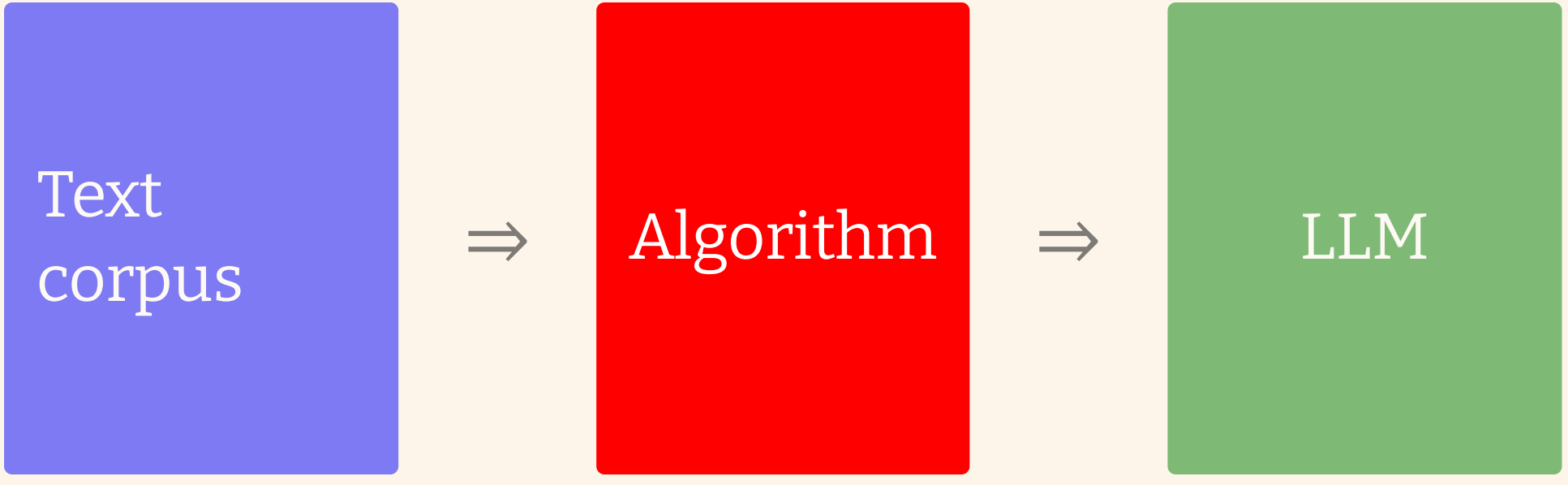
Model "training"



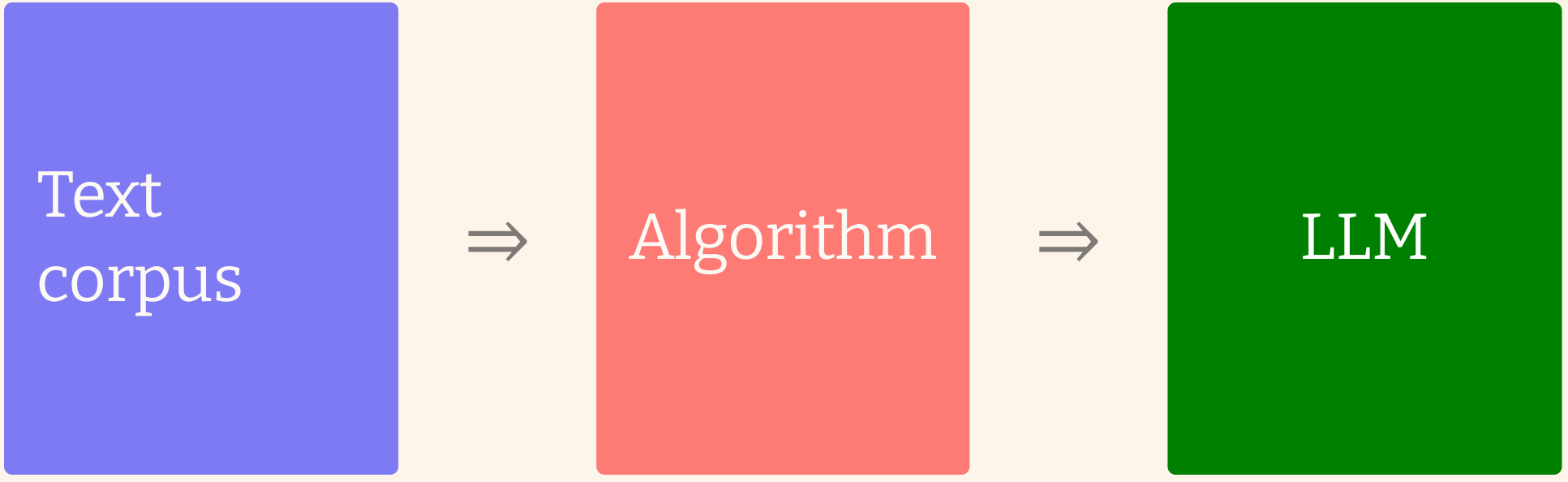
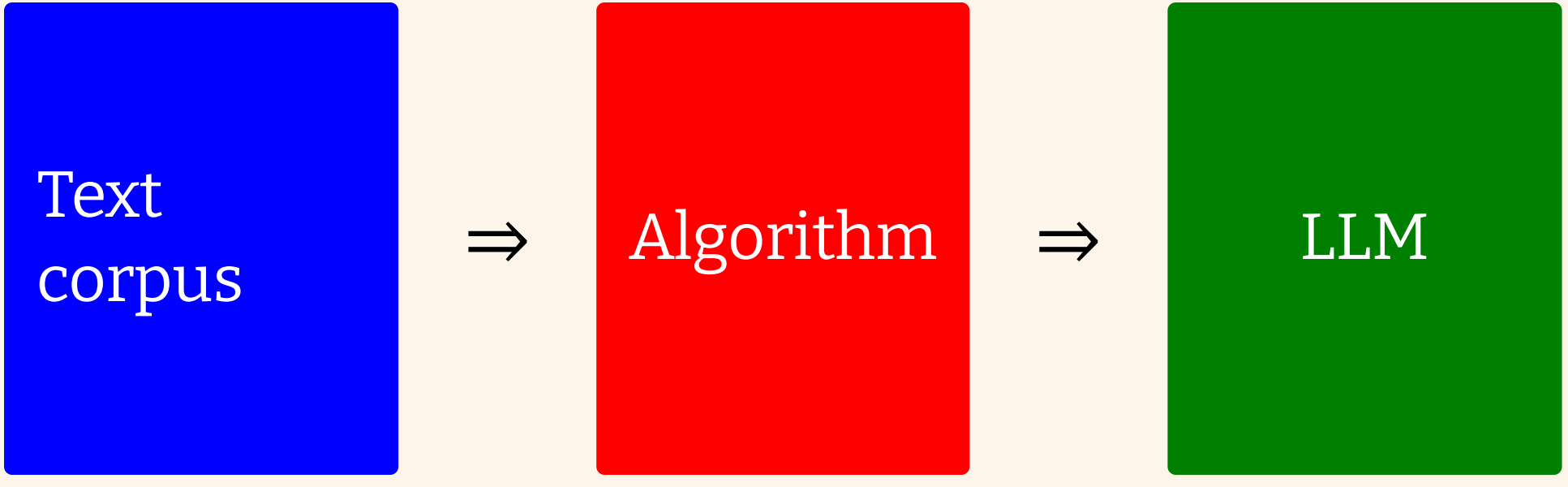
Training corpus



Algorithm



LLMs



What's the problem?