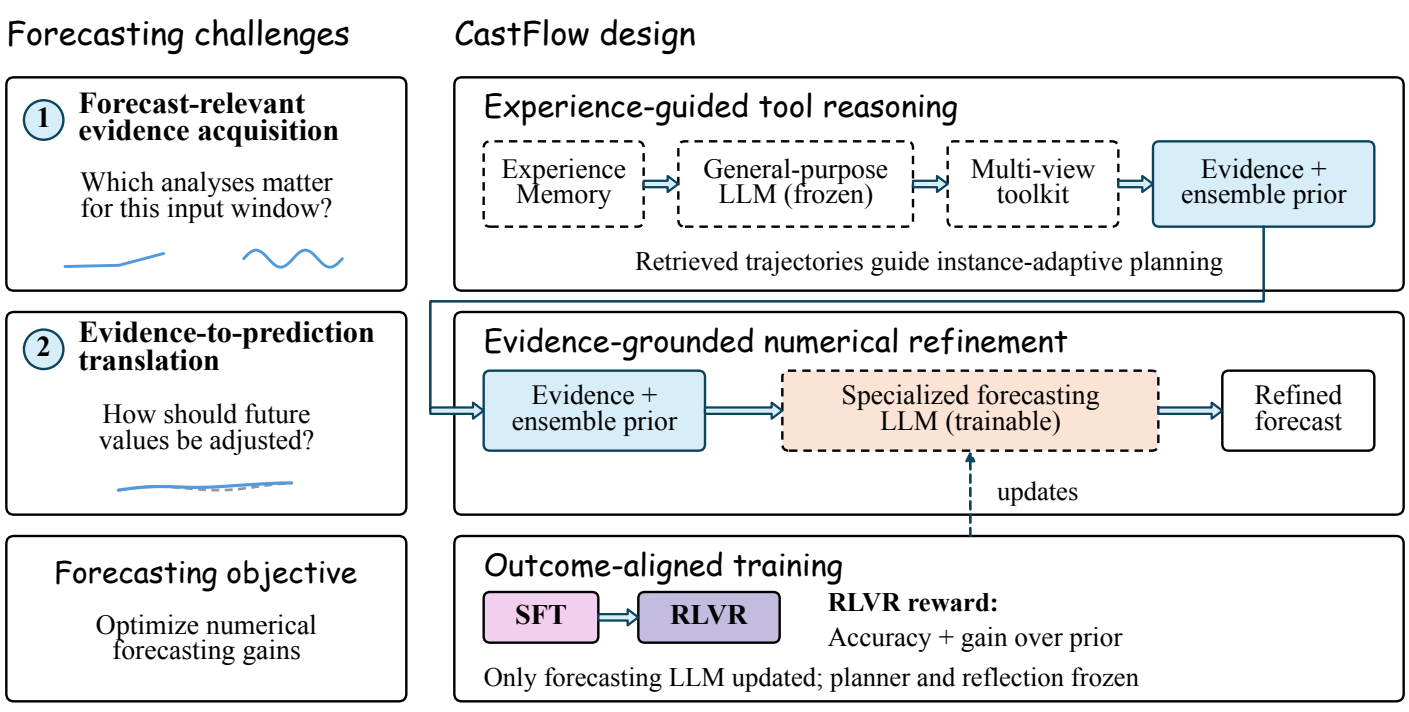

Forecasting challenges
CastFlow design
1
Forecast-relevant evidence acquisition
Which analyses matter for this input window?
2
Evidence-to-prediction translation
How should future values be adjusted?
Forecasting objective
Optimize numerical forecasting gains
Experience-guided tool reasoning
Experience Memory
General-purpose LLM (frozen)
Multi-view toolkit
Evidence + ensemble prior
Retrieved trajectories guide instance-adaptive planning
Evidence-grounded numerical refinement
Evidence + ensemble prior
Specialized forecasting LLM (trainable)
Refined forecast
updates
Outcome-aligned training
SFT
RLVR
RLVR reward:
Accuracy + gain over prior
Only forecasting LLM updated; planner and reflection frozen