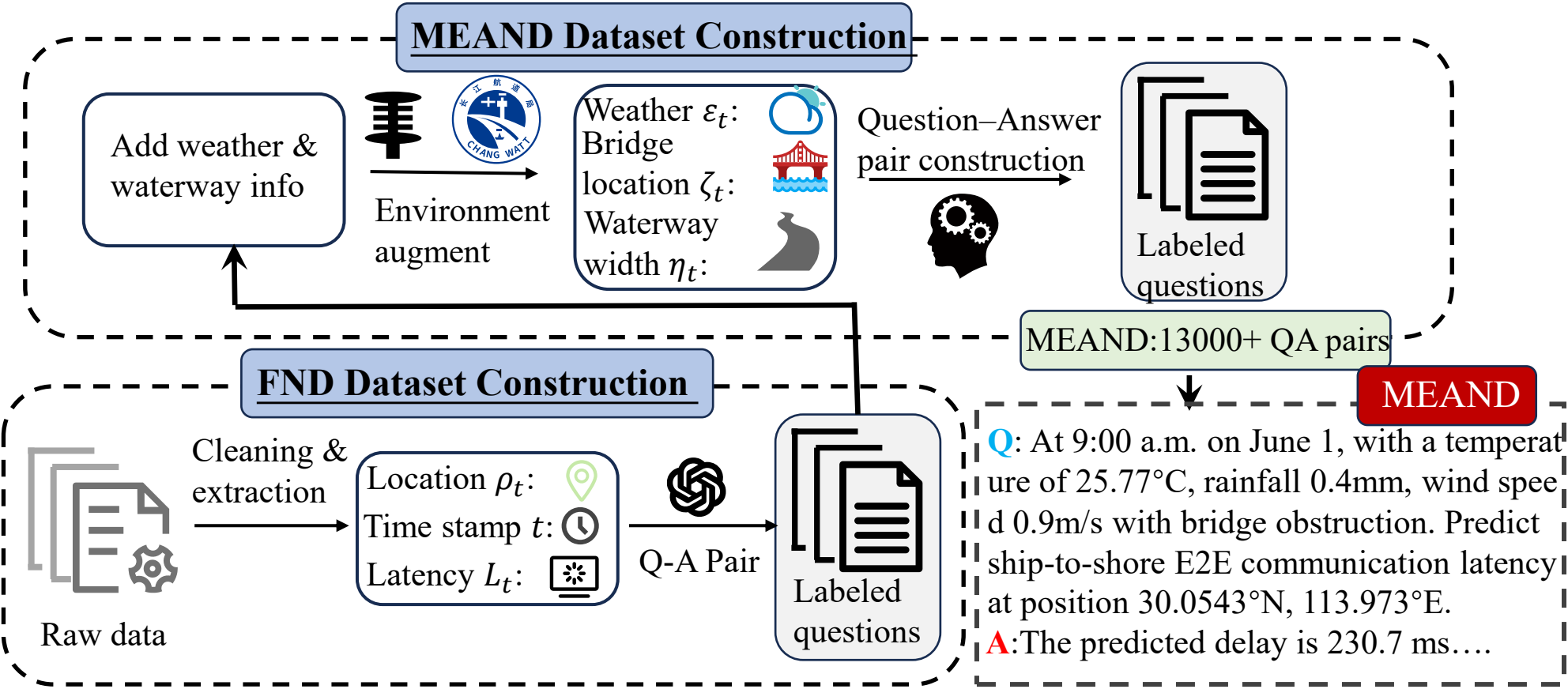
MEAND Dataset Construction
Add weather & waterway info
Environment augment
Weather ε_t:
Bridge location ζ_t:
Waterway width η_t:
Question–Answer pair construction
Labeled questions
MEAND:13000+ QA pairs
FND Dataset Construction
Raw data
Cleaning & extraction
Location ρ_t:
Time stamp t:
Latency L_t:
Q-A Pair
Labeled questions
MEAND
Q: At 9:00 a.m. on June 1, with a temperature of 25.77°C, rainfall 0.4mm, wind speed 0.9m/s with bridge obstruction. Predict ship-to-shore E2E communication latency at position 30.0543°N, 113.973°E.
A:The predicted delay is 230.7 ms….