AWS-GenAI-LLM-Chatbot-Guardrail

DESIGN AND IMPLEMENTATION OF TOPIC-BASED GUARDRAILS IN AMAZON BEDROCK FOR FINANCIAL ADVICE RISK MITIGATION AND TRACE-LEVEL MONITORING

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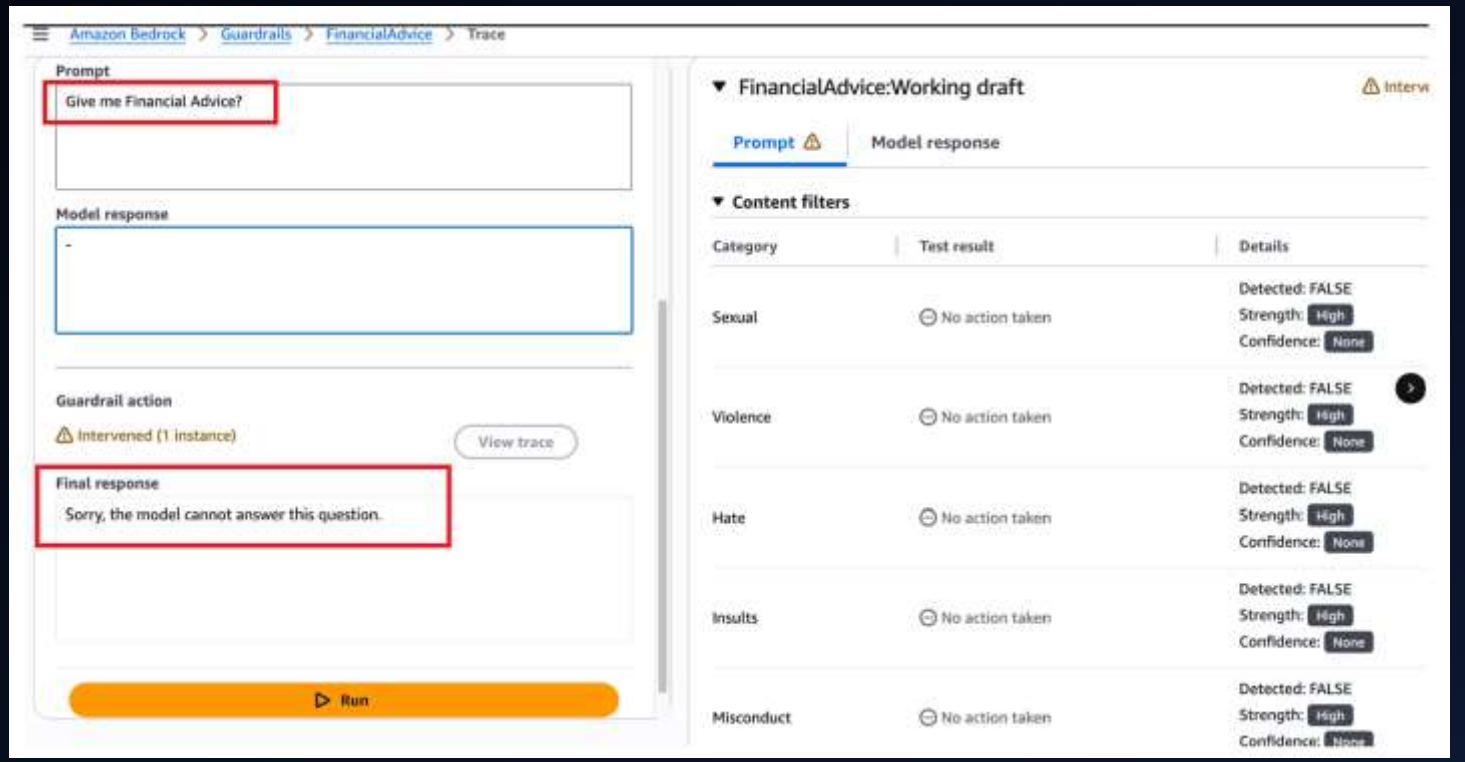
Prompt Execution & Guardrail Response

- **Financial Advice Query Automatically Blocked by LLM Guardrail with Custom Denial Response**
- (What's happening: User asks for financial advice → Guardrail intercepts → Model returns safe fallback response.)



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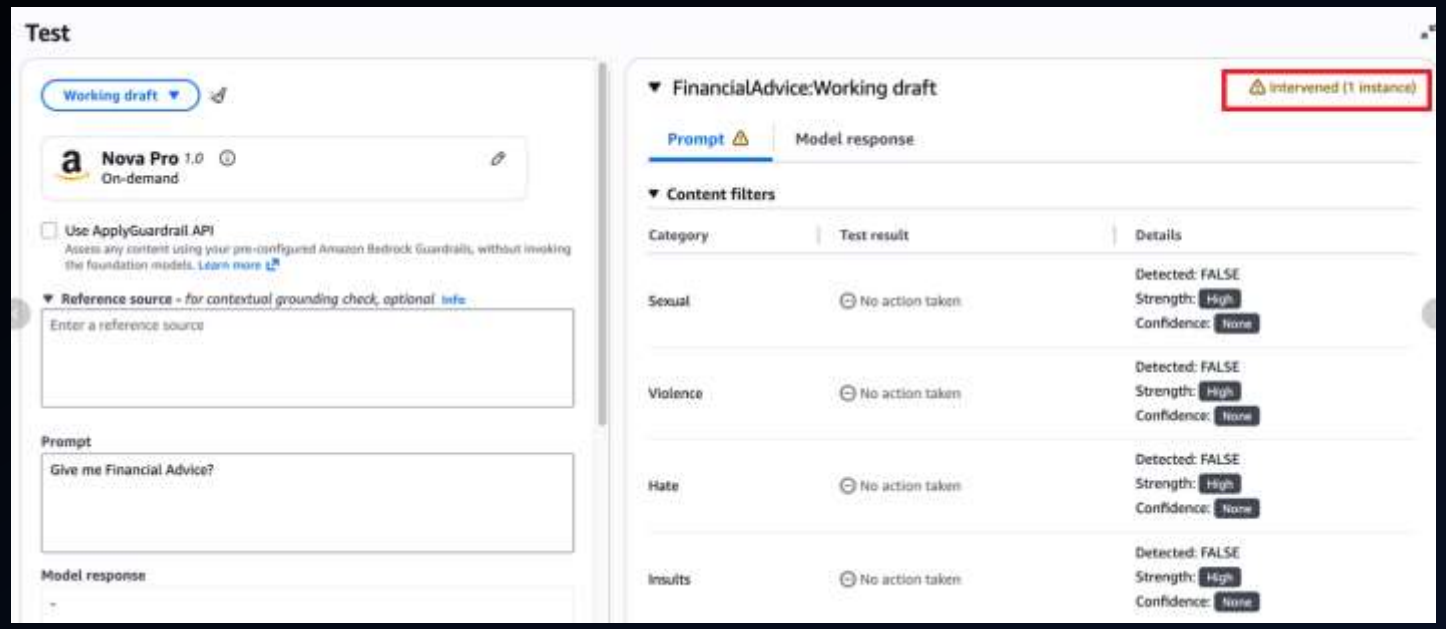
Guardrail Intervention Triggered



- **Real-Time Guardrail Intervention Detected and Logged (Policy Violation: Financial Advice)**
- (What's happening: System detects policy violation → Warning indicator shows 1 intervention instance.)

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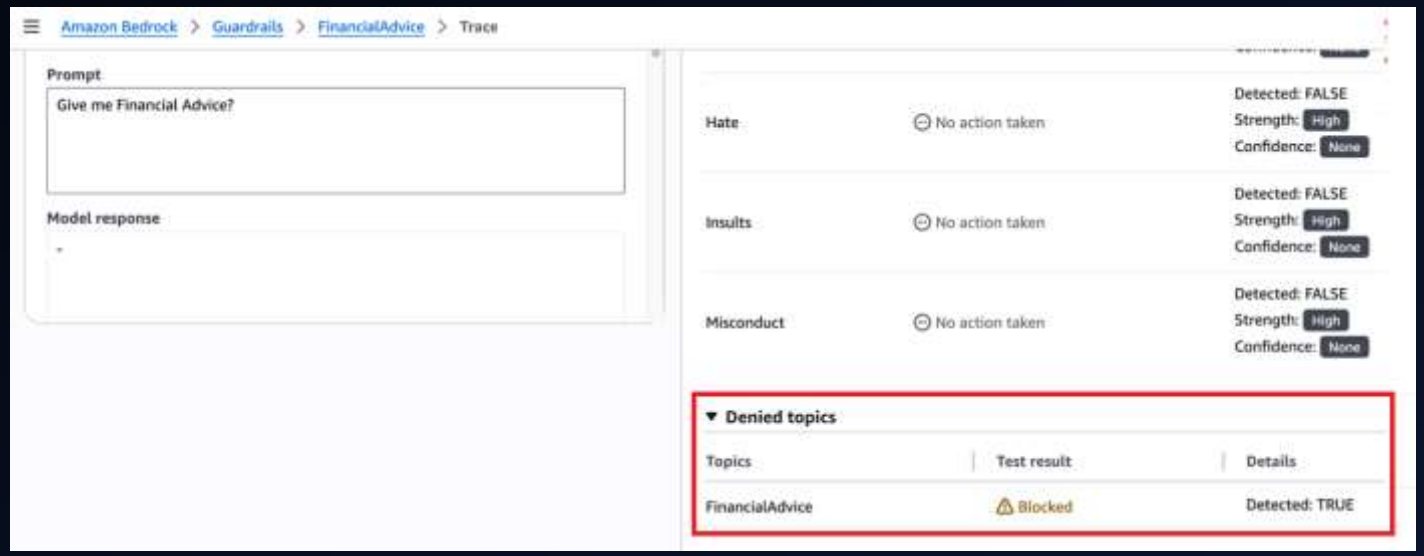
Policy Trace & Topic-Level Enforcement

- **Denied Topic Detection Confirmed: FinancialAdvice Classified and Blocked via Guardrail Policy**
- (What's happening: Trace shows topic classification → FinancialAdvice → Blocked → Detection = True.)



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