

GenAI for ArbitrageGainer model feedback

Team Members: student1, student2, student3

Student1:

- **Workflow Refinement:** While your workflows are well-defined, refining conditions like the price spread check in the "Real-time Market Data Feed Check" could improve robustness by handling various market conditions more effectively.
- **Subdomain Classification:** Consider classifying "Real-Time Market Data Feed Check" and "Trading Strategy" as core subdomains rather than supportive, due to their critical role in making trading decisions.

Student2:

- **Naming Consistency:** Ensure event names follow the past-tense convention(eg *OrderPlaced*) consistently and commands follow present-tense convention (e.g., rename *StartPlacingOrder*) to align with event-driven architecture principles.
- **Bounded Contexts:** Ensure workflows are clearly scoped within bounded contexts, explicitly drawing boundaries between contexts like "Crypto-currency pair selection" and "Trading Strategy."

Student3:

- **Domain Error Addition:** Incorporate handling of domain-specific errors (e.g., invalid market data) into critical workflows like the "Real-Time Market Data Feed Check" to improve system resilience and ensure smooth operation during business-critical scenarios.
- **Side Effects and Functional Design:** To align with functional programming principles, isolate side effects from core business logic, especially in workflows like "Sell Order" and "Buy Order," keeping the business logic pure and separating side-effect operations.