**Purpose of the Job: Job\_RevokeDeductStartedTransaction**

This job handles the revocation process for inventory transactions that failed during the "DeductStorageStarted" stage. It reads configuration values (e.g., marketCode, interval-minutes) from a YAML file, retrieves relevant transactions from the transaction\_draft\_table, and processes them through the following steps:

1. **Transaction Validation**:
   * Validates the transactionId from StorageDeductResultModel.
   * Fetches the corresponding submittedTransaction based on transactionId. If not found, the flow exits.
2. **Revocation Initiation**:
   * Updates the transaction status to RevokeInventoryStarted in TransactionDraftEntity.
   * Publishes a StockRevokingModel to the transaction\_revoke\_inventory\_topic via service bus for inventory service processing.
3. **Inventory Service Processing**:
   * Handles the revocation using revokeInventoryStock:
     + Updates log statuses.
     + Parses data to generate a StockReductionRequestModel.
     + Attempts revocation and updates the result logs based on success or failure.
4. **Result Handling**:
   * Processes results from the inventory service via sb\_inventory\_revoke\_inventory\_result.
   * Updates the submittedTransaction with the result status (success or failure) and saves it back to the transactionDraftRepository.

**In summary**:  
The job ensures that failed inventory deduction transactions are properly revoked, updates their status, and communicates the results between the services to maintain transaction integrity.

