# File Execution Flow Summary:-

## 1. Partner Product Recommendation

This file generates product recommendations for each partner (stockist) based on collaborative filtering techniques. It uses historical purchase data to find similar partners or products and recommends the top 3 most relevant products for each partner.

## 2. Linear Programming/Simple Analysis

This file uses Linear Programming/Simple Analysis to optimize the scheme selection. Based on the products already purchased by each partner, it finds the best combination of schemes that maximize benefit or minimize cost, while considering constraints like budget or scheme limits.

## 3. Final Scheme Recommendation

This file merges the outputs from the first two steps. It aligns the top recommended products with the optimized schemes. The final output provides scheme suggestions tailored to each partner, combining both personalized product interest and optimized scheme selection.