Overview

1. Input Data → Key Factor Identification
2. Generate Potential Solutions → Rank by Confidence
3. Present Ranked Solutions → User Selection
4. Implement Solution → Measure Impact
5. Evaluate Outcomes:
    - Positive: Retain or refine mapping.
    - No Impact: Flag for reevaluation.
    - Negative: Remove or retrain.
6. Update Model and Recommendations.

Start: Input data → Identify solution (ex. 4P's) already implemented / Key Factor → Identify pattern (ex. what has worked, what hasn't, etc.) → Rank top 5 solutions in relation to pattern found → Allow user to choose 1 (or more) of the solutions → User implements solution/s → Analyze pattern of positive / negative / no impact outcomes.

1. Positive outcome → what increased / decreased in implementation → note data found → score/rank solution type (ex. for that specific key factor) → update/retrain ML with new data (ex. add recommendations).

2. Negative outcome → what decreased / increased in implementation → note data found → score/rank solution type (ex. for that specific key factor) → update/retrain ML with new data (ex. add recommendations) → retest for solution type recommendation/s.

   2-a: If no new solution/s are given → flag data → manually assess data (ex. note anomaly) → update ML (ex. add recommendations, remove solution type/s).

   2-b: If new solution/s are given → implement new solution/s → process new input data → retest for positive / negative / no impact outcomes → follow steps 1., 2., or 3. given the outcome.

3. No impact outcome → flag user input data → reassess user input data manually:

   3-a: If errors found → fix errors → note errors found / update ML (ex. add recommendations) → retry new assessment data → follow steps 1., 2., or 3. Given the outcome.

   3-b: If no errors found → note anomaly / needs further research.
   - If after 3 tries of implementing solution type/s and there is a no impact outcome → flag data → manually assess data (ex. note anomaly) → update ML (ex. add recommendations, remove solution type/s).