

Production Scheduling

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MEET OUR PLANNER SAMPATH

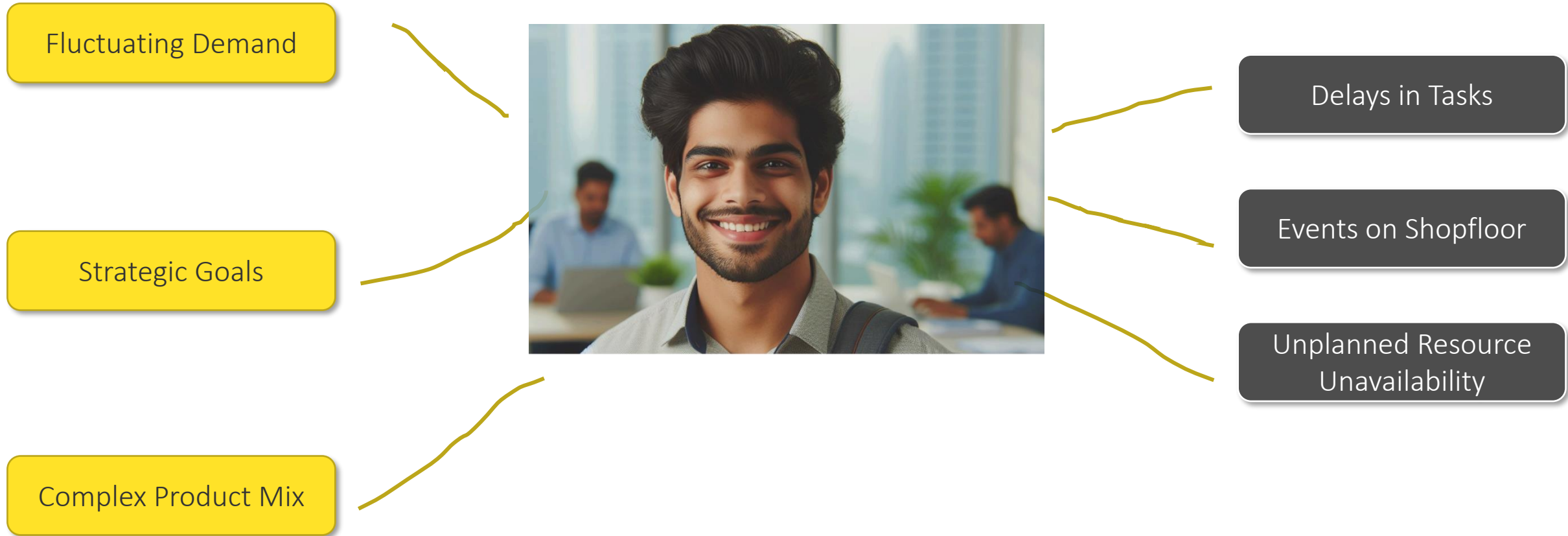


HE GENERATES DAILY SCHEDULES

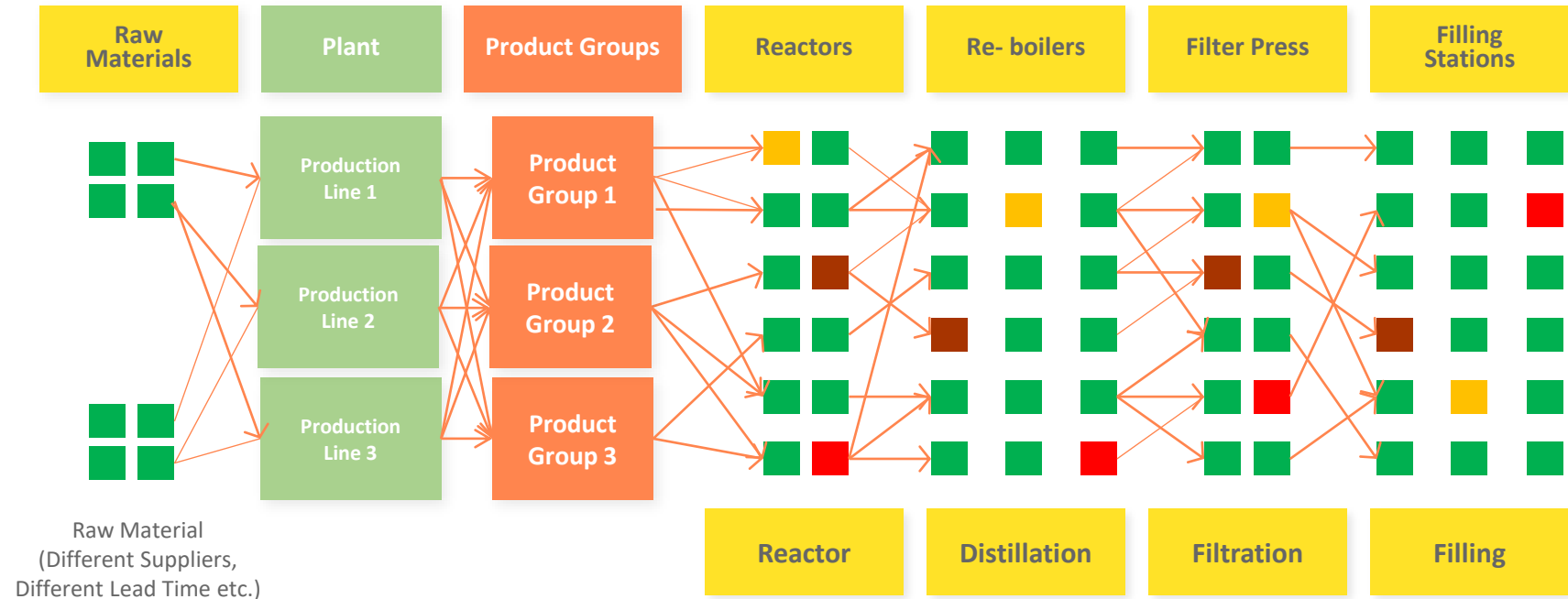


AND SAMPATH LOVES EXCEL

THOUGH SAMPATH SMILES HIS LIFE IS NOT EASY



LOOK AT SÁMPATH'S PROCESS 😊



INSPIRE OF BEST EFFORTS SAMPATH'S BOSS IS NOT HAPPY



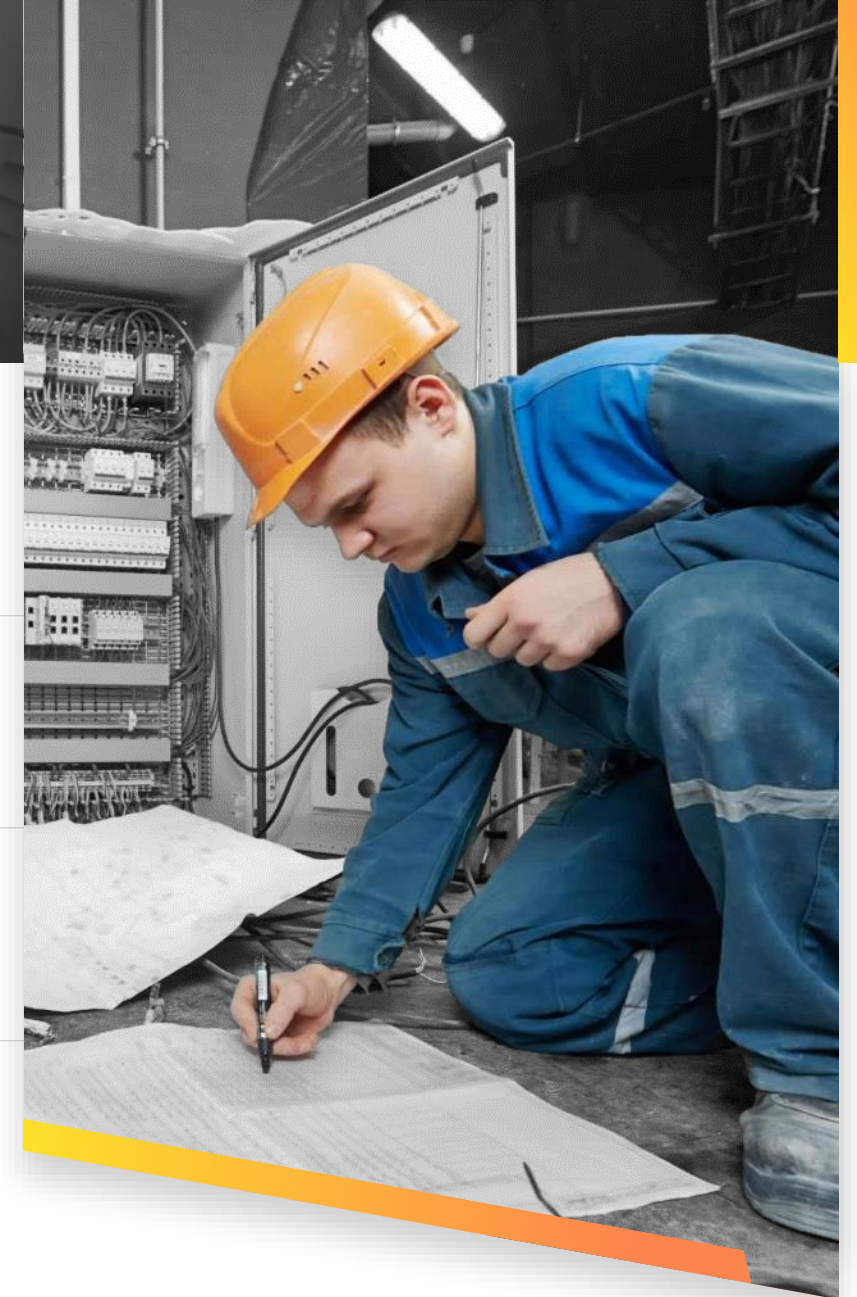
Unutilized Capacity ↓

Lower Throughput ↓

Higher Cycle Times ↓

Higher WIP ↓

CURRENT SCHEDULING SYSTEMS DO NO JUSTICE



Are independent of factory floor data



Do not account for resource constraints



Do not allow easy maintenance of sequencing
And other master information



Do not account for indirect tasks and other
Functions such as quality and maintenance



LOSS OF CAPACITY, TIME & MONEY

SAMPATH'S BOSS NEEDS NEW THINKING



NEW APPROACH

IF SAMPATH'S BOSS IS SMART
HE CAN INCREASE THE PRODUCTION BY

DOUBLE DIGIT PERCENTAGE

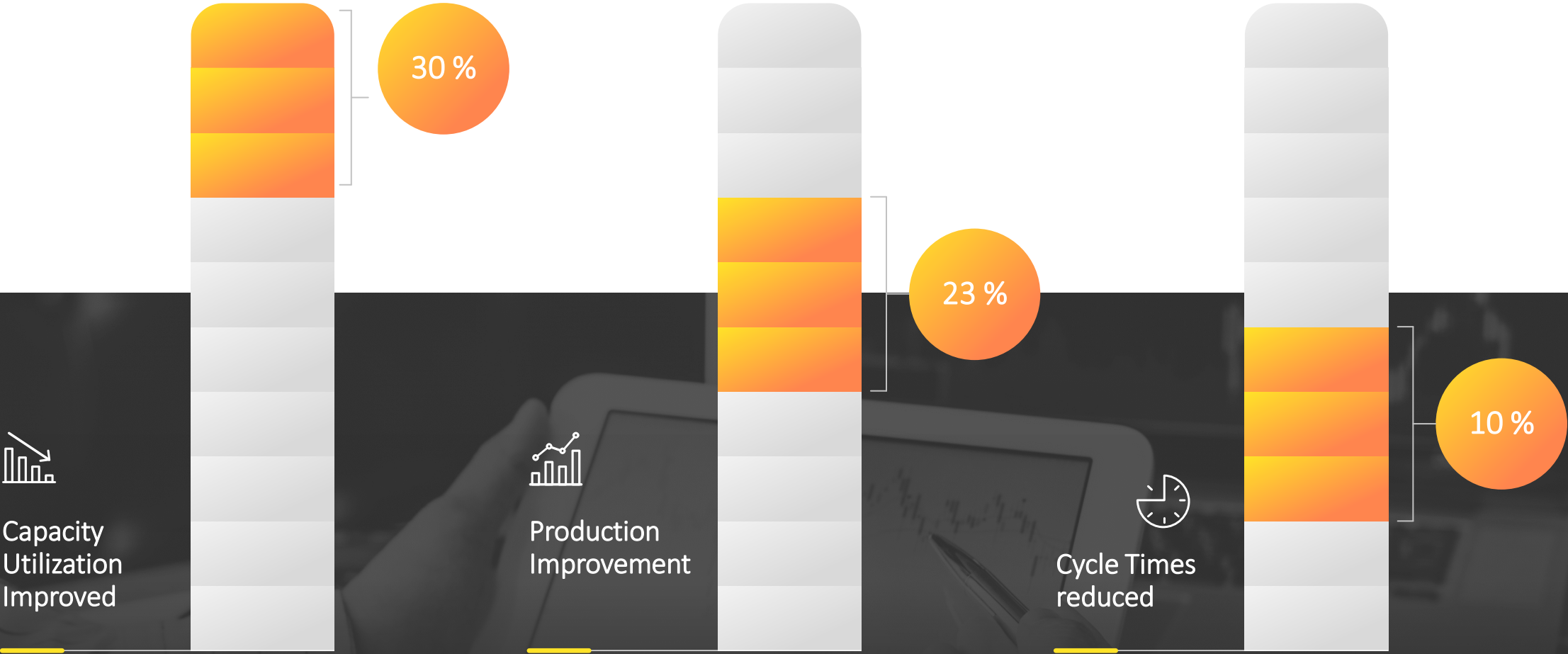
WITH LITTLE INVESTMENT IN SCHEDULING

HOW DID THIS HAPPEN

3 FACTORS

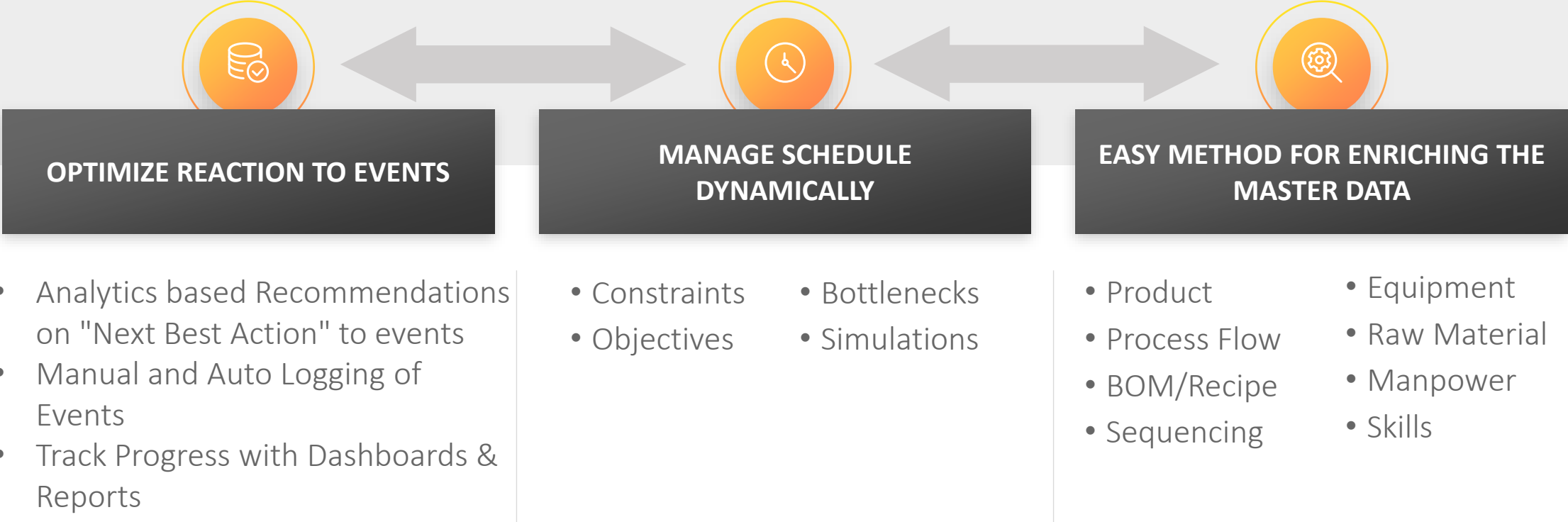
1. REMOVE BUFFERS
2. FASTER REACTION TO SHOP-FLOOR EVENTS
3. FAST & OPTIMIZED SCHEDULE AFTER EVERY EVENT

LIKE THIS PHARMA COMPANY IN EUROPE



HOW DOES SAMPATH'S BOSS START?

1. DEFINE END VISION



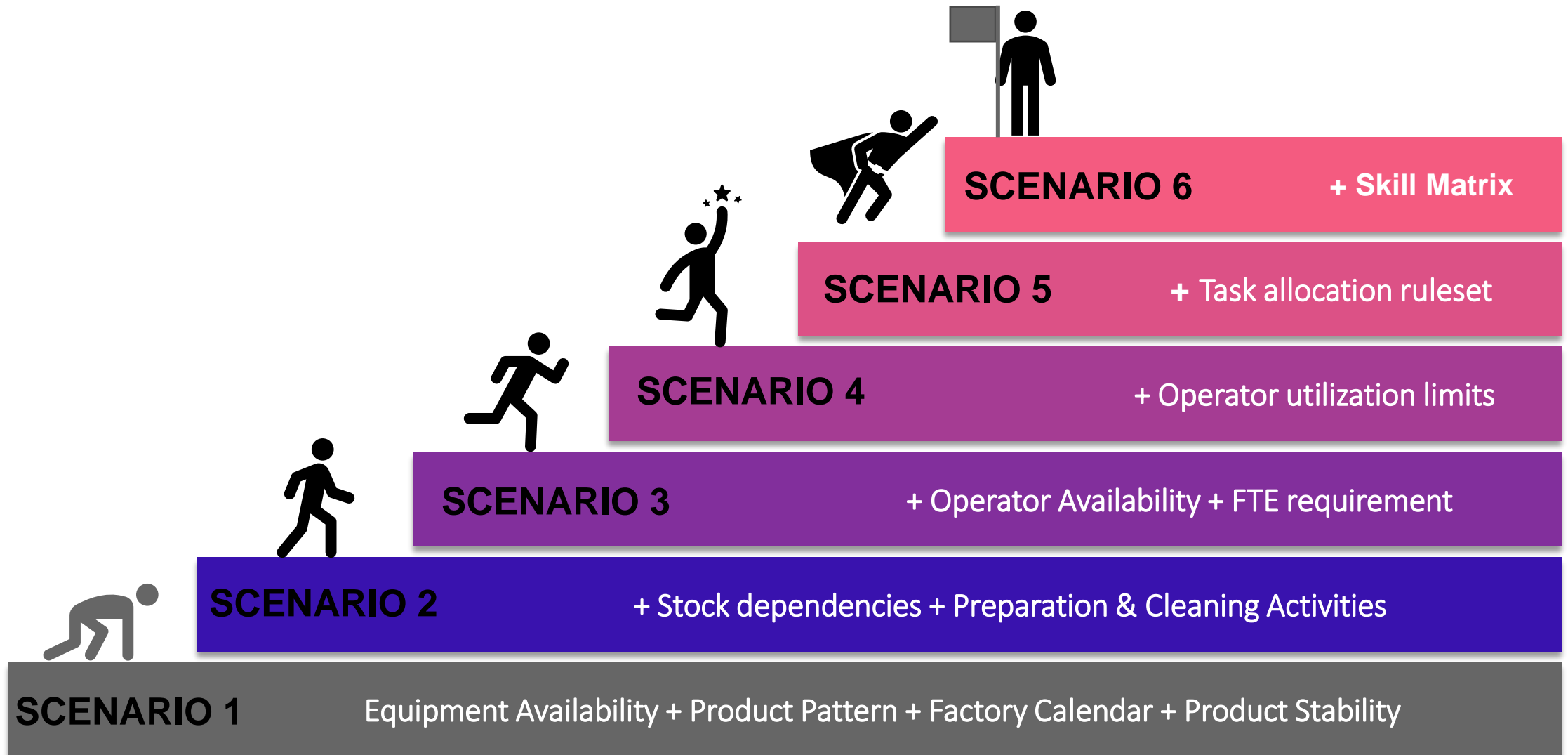
USING THE POWER OF AI & IOT

2. GET MANAGEMENT BUY-IN

3. CREATE MULTI-PRONGED PROGRAM

- A) MASTER DATA COLLECTION & DOCUMENTATION
- B) DIGITAL INTEFACING OF MACHINES THROUGH MIDDLEWARE
- C) IDENTIFICATION OF PILOT SITES
- D) IDENTIFICATION OF TIGER TEAM (HEADED BY SOMEONE WHO UNDERSTANDS PRODUCTION AND HAS OPENNESS TO LEARN IT)

4. STEP BY STEP IMPLEMENTATION



IS IT WORTH IT?

I WOULD SAY TOTALLY.

WHY?

SHOW ME A DIGITALIZATION
USECASE WHICH CAN GIVE MAXIMUM ROI IN
SHORTEST AMOUNT OF TIME