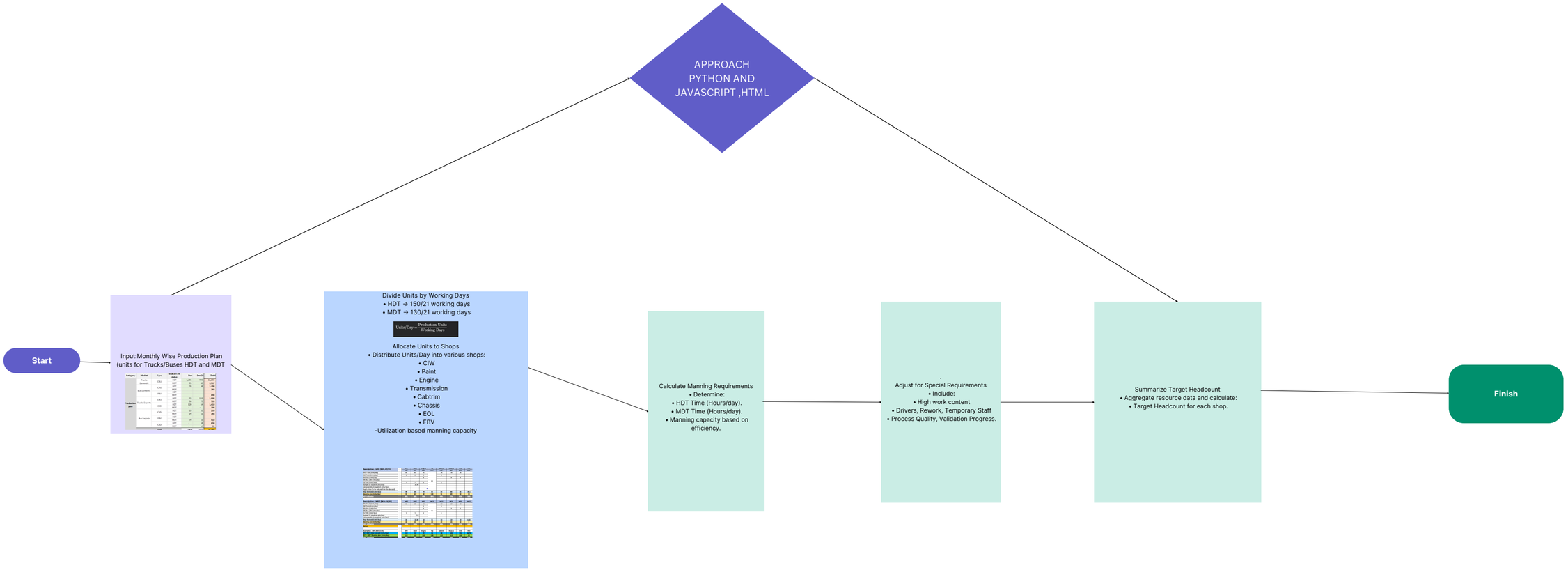
APPROACH
PYTHON AND
JAVASCRIPT ,HTML
Start
Input:Monthly Wise Production Plan
(units for Trucks/Buses HDT and MDT
Divide Units by Working Days
• HDT → 150/21 working days
• MDT → 130/21 working days
Units/Day = Production Units / Working Days
Allocate Units to Shops
• Distribute Units/Day into various shops:
• CIW
• Paint
• Engine
• Transmission
• Cabtrim
• Chassis
• EOL
• FBV
-Utilization based manning capacity
Calculate Manning Requirements
• Determine:
• HDT Time (Hours/day).
• MDT Time (Hours/day).
• Manning capacity based on efficiency.
Adjust for Special Requirements
• Include:
• High work content
• Drivers, Rework, Temporary Staff
• Process Quality, Validation Progress.
Summarize Target Headcount
• Aggregate resource data and calculate:
• Target Headcount for each shop.
Finish