

Product Description

Build Readiness Analyzer is an AI-powered decision-support agent built using Microsoft Copilot Studio that helps manufacturing and operations teams assess production feasibility in real time.

The agent analyzes inventory availability, bill of materials (BOM), and component constraints to answer critical questions such as what can be built today, how many units of a specific model are feasible, and which components are limiting production. It provides structured, tabular outputs with clear summaries, risks, and recommendations to support faster planning and operational decisions.

Designed for low-code environments, the solution integrates seamlessly with Excel, SharePoint, Dataverse, and Power Automate—without requiring custom development. The agent is intended for planning and analysis purposes and supports scenario-based simulations to evaluate supply changes, urgent build requests, and bottleneck risks across models.