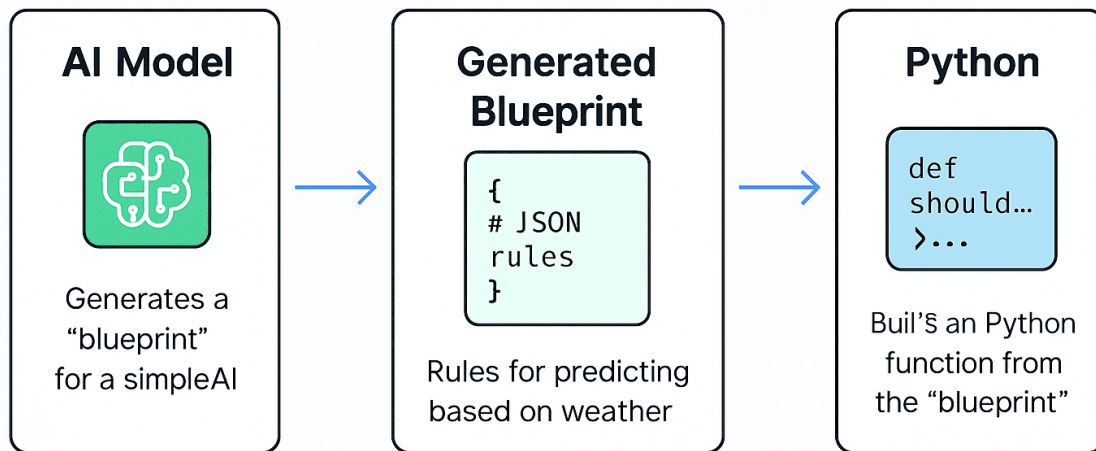


AI Creation Flowchart – Beginners Checklist - From simplifywala.com

Purpose: A quick, beginner-friendly checklist to understand the steps involved in creating an AI that builds another AI.

How AI Creates Another AI: A imple Demo



1. Understand the Concept

- ☒ Learn what "AI creating AI" means (AutoML, Neural Architecture Search, Generative AI for models).
 - ☒ Read basic articles on AI model training & automation.
 - ☒ Identify real-world examples (Google AutoML, OpenAI research).
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2. Set Your Goal

-  Define the purpose: research, learning, or project creation.
 -  Choose a target task (image classification, text generation, etc.).
 -  Determine whether you want a *full AI pipeline* or just automation for model selection.
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3. Gather Tools

-  Install Python 3.x and Jupyter/Colab.
 -  Pick a framework: TensorFlow, PyTorch, or Scikit-learn.
 -  Install AutoML packages (e.g., [autokeras](#), [auto-sklearn](#)).
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4. Prepare Data

-  Collect relevant datasets (e.g., Kaggle, HuggingFace Datasets).
 -  Clean and preprocess data (remove duplicates, handle missing values).
 -  Split into training, validation, and test sets.
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5. Build the “AI That Creates AI”

-  Write or adapt AutoML code in Colab.
 -  Enable parameter tuning and architecture search.
 -  Let the AI generate and evaluate different models.
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6. Evaluate Results

-  Check accuracy, precision, and recall.
 -  Compare AI-created models with manually built models.
 -  Document observations.
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7. Optimize and Deploy

-  Reduce training time using GPU/TPU in Colab.
 -  Save the best AI-generated model.
 -  Deploy locally or via cloud (AWS, GCP, Azure).
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8. Reflect & Experiment

-  Note what worked and what failed.
 -  Try new datasets and problem statements.
 -  Share results publicly (GitHub, blog post, LinkedIn).
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 **Pro Tip:** Start small. First, create a simple AI with AutoML, then experiment with letting it improve or create another AI over iterations.
