



Getting Started with AI: Module 3 – AI Application Development Pathway



# The AI Application Development Pathway



**1. Choose a Problem**



**2. Gather Good Data**



**3. Clean & Prep Data**



**4. Choose a Model**



**5. Train the Model**



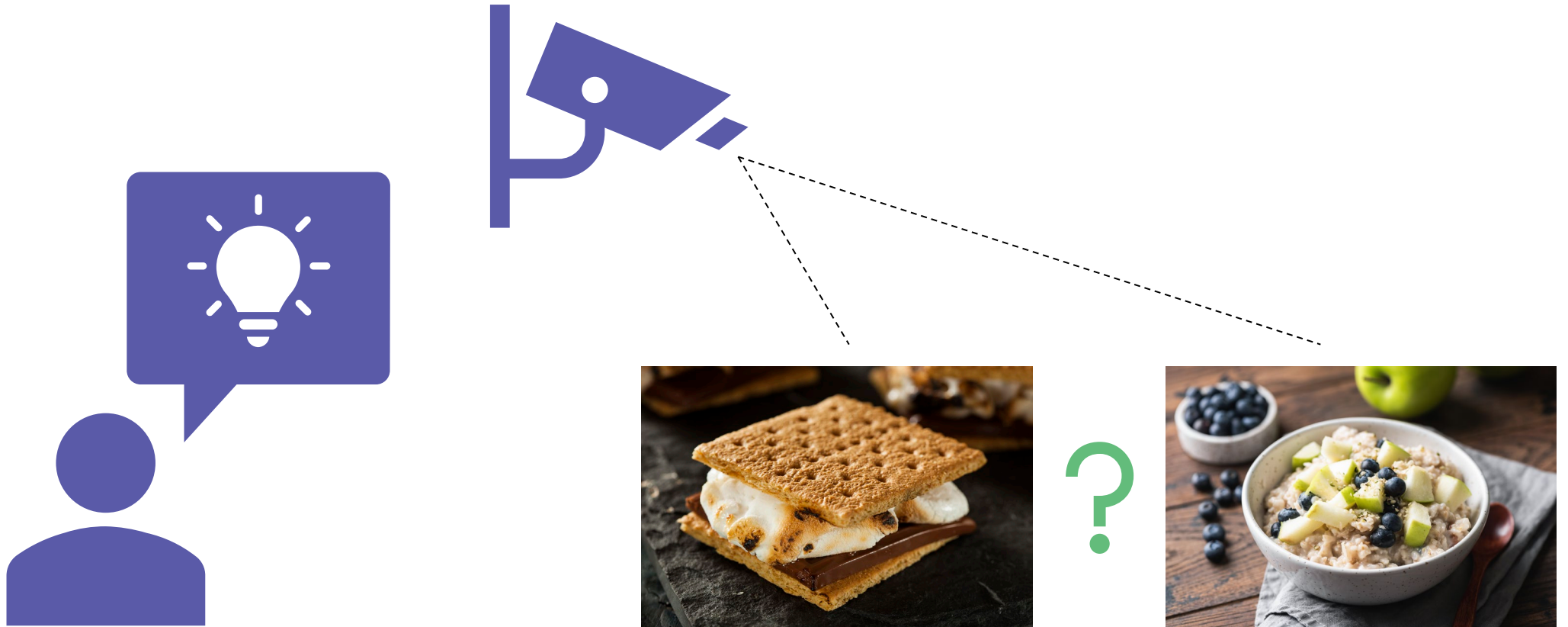
**6. Evaluate the Model**



**7. Deploy the Model**

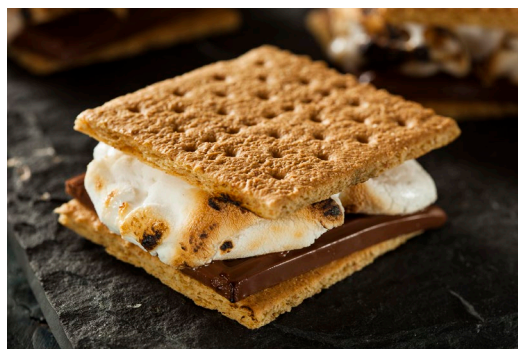


# 1. Choose a Problem

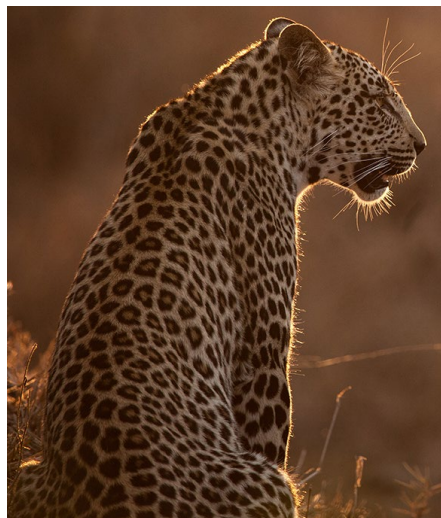




## 2. Gather Good Data



Junk



Cat



Healthy



Healthy



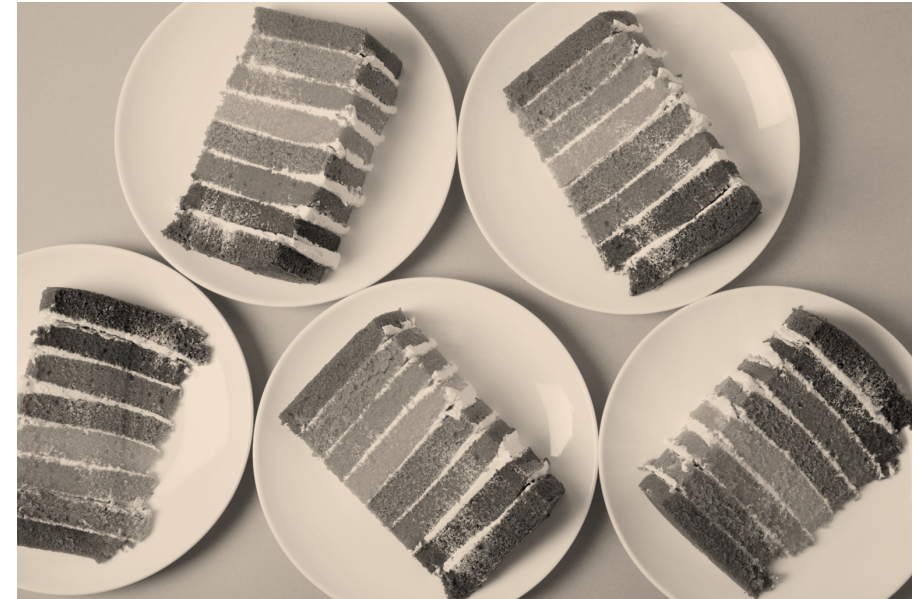
???







### 3. Clean and Prep Data





## 4. Choose a Model

Supervised

Unsupervised

Reinforcement

Type of AI

Type of  
Model

SVMs

Logistic Regression

CNNs

LLMs

Transformers

Model Details

ResNet50

ResNet152

MobileNet

Build Your  
Own



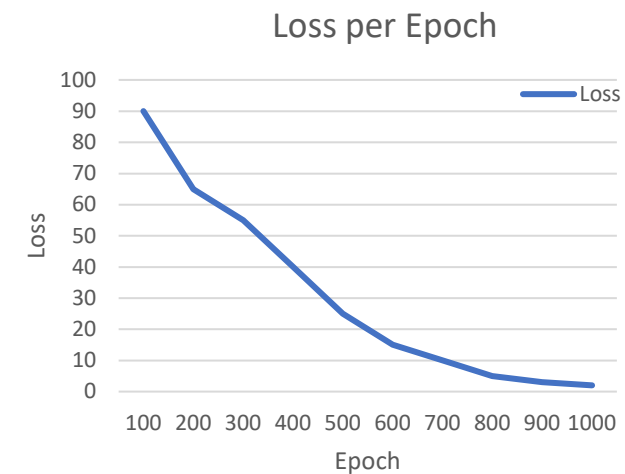
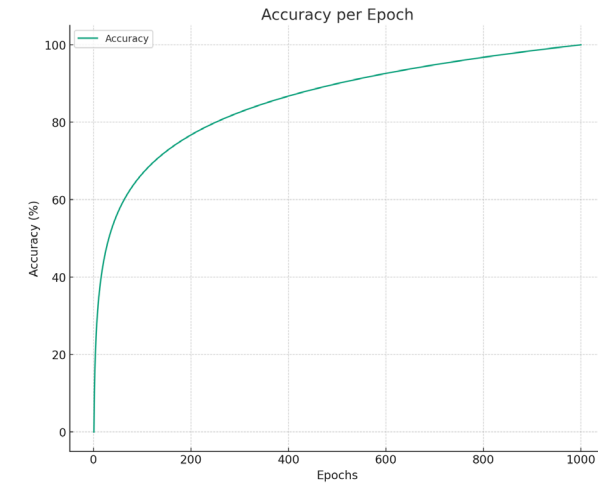
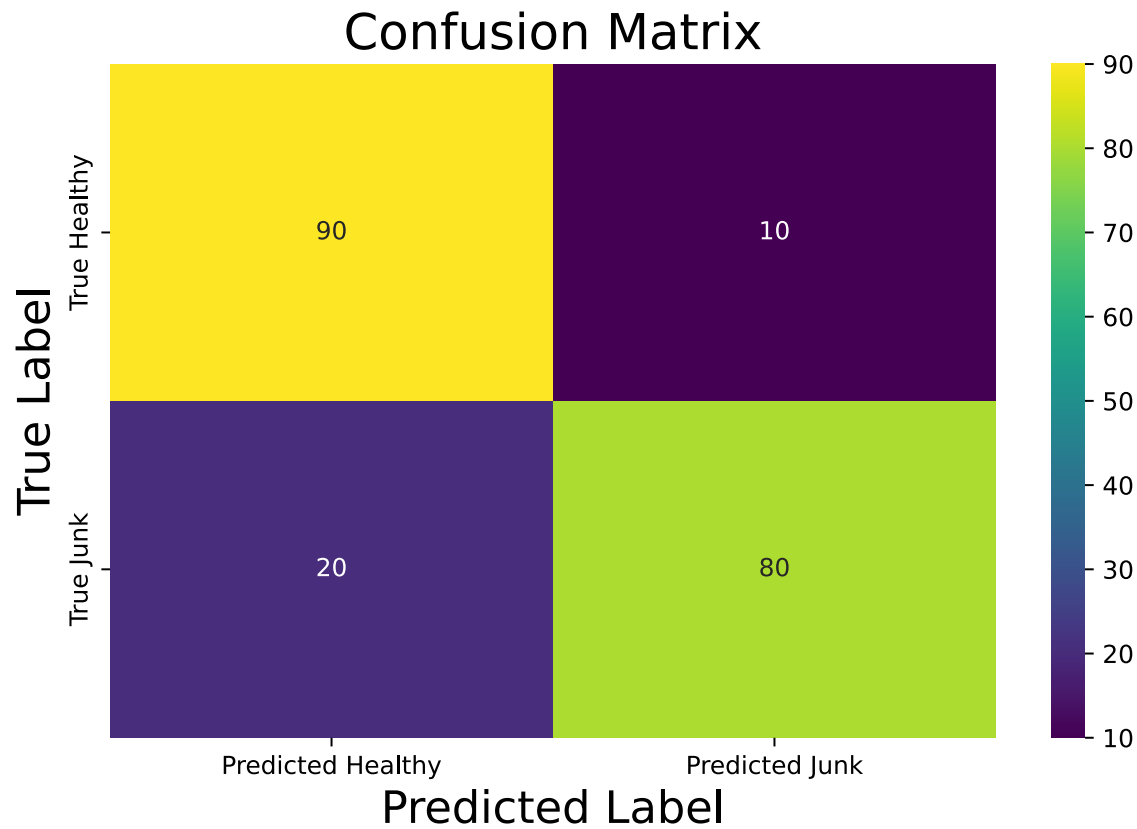


## 5. Train the Model





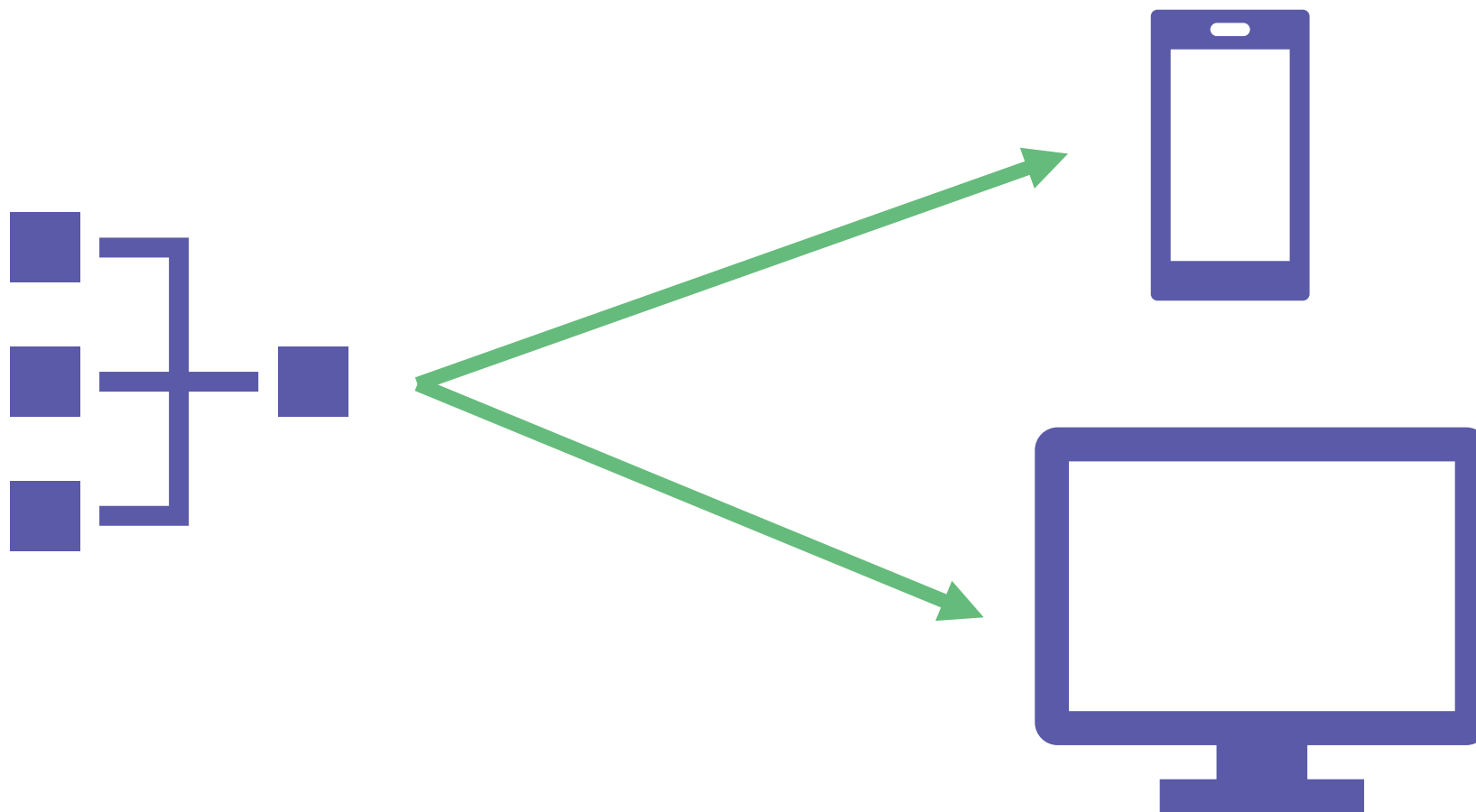
## 6. Evaluate the Model





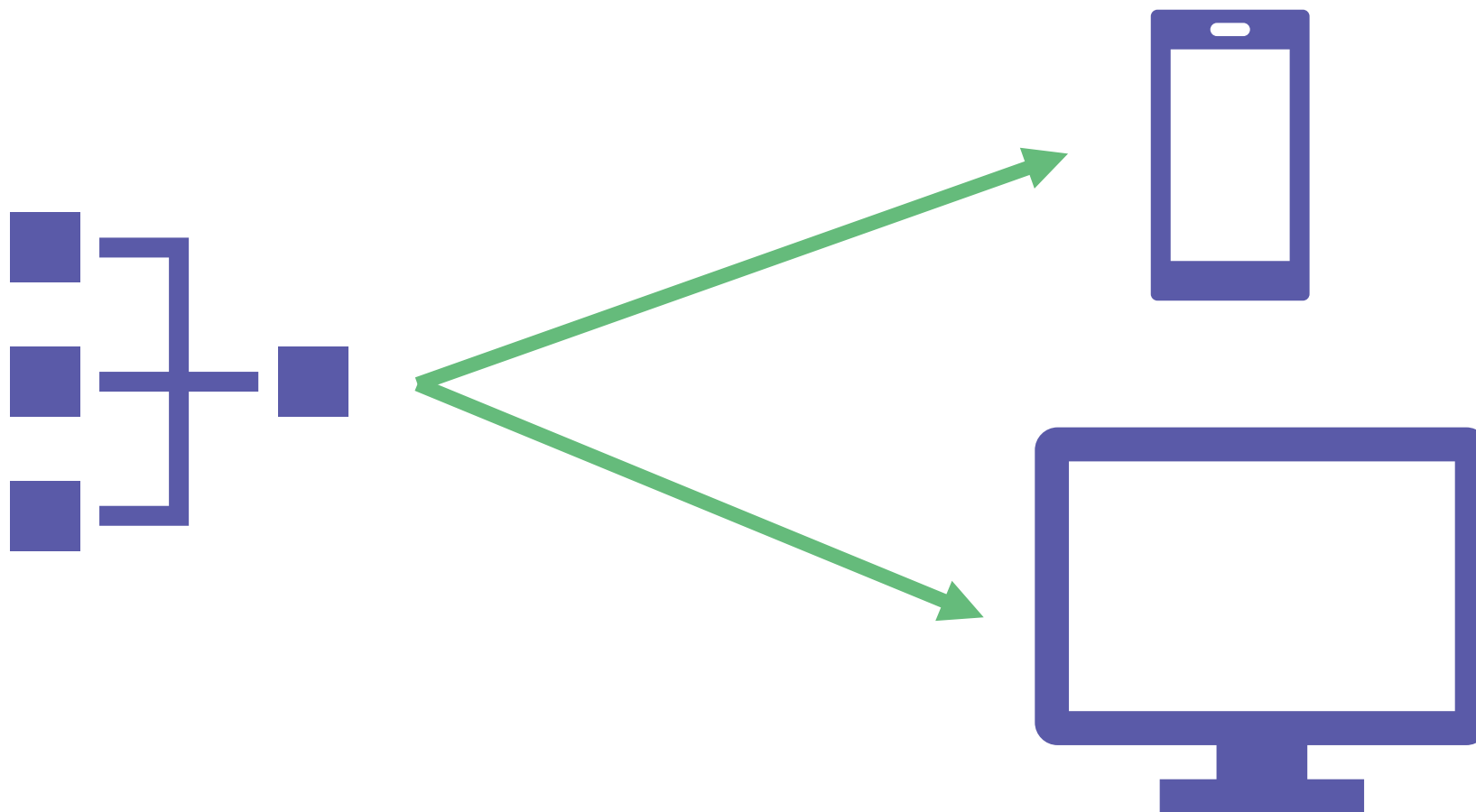


## 7. Deploy the Model





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**7. Deploy the Model**