

AI-900

Azure AI services

Azure machine learning

An AI Model

Pre-built

Custom (built by you!)

Algorithm

Train

Model Train data

Validation

Model

machine learning \$\$\$ (GPU)

Training

Data

Validate

Deploy

Use

REST API

if you are training your custom model (Azure ML)

Azure AI services

No Need

Azure Machine Learning Studio

Custom model creation

regression

classification

clustering

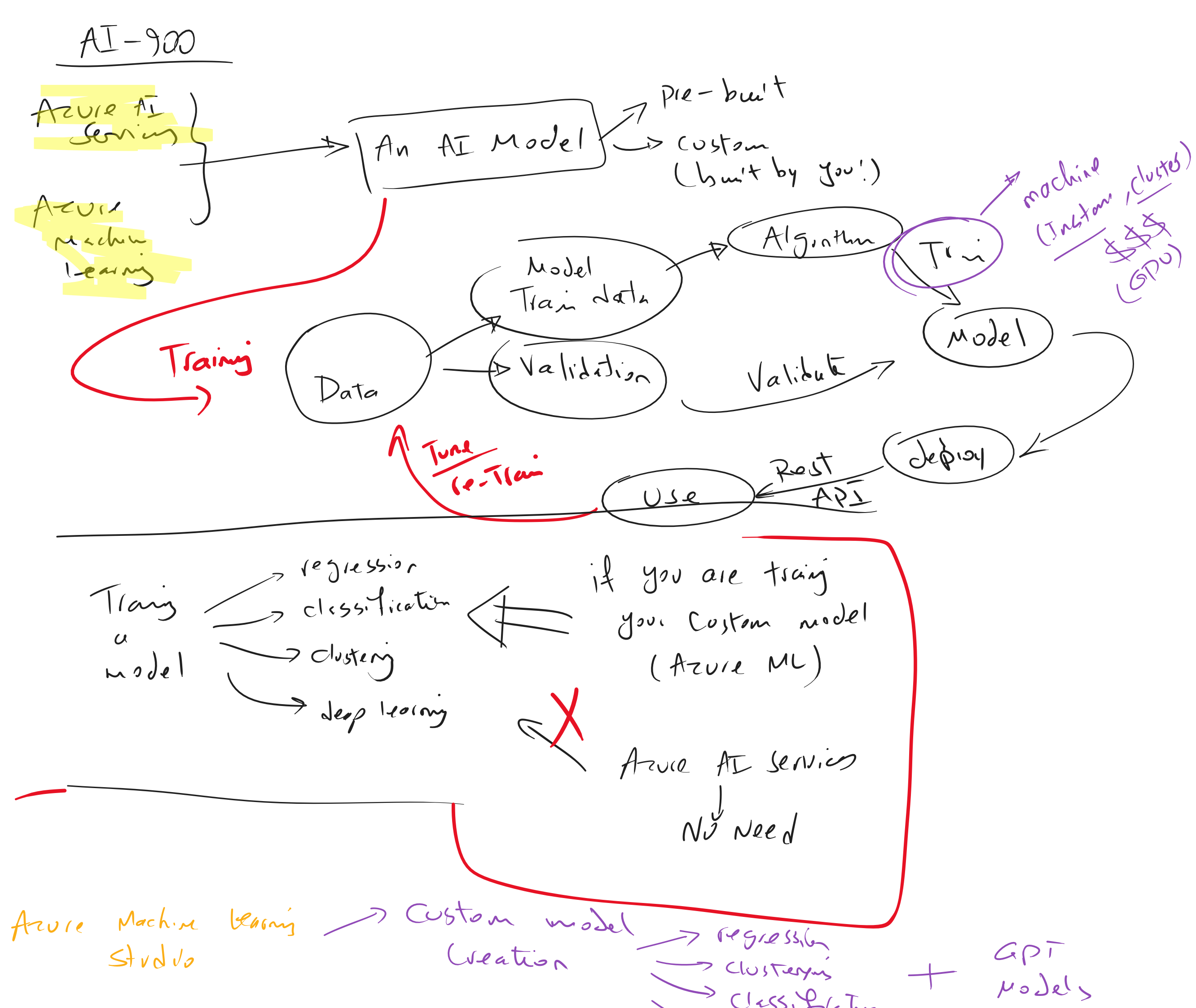
deep learning

regression

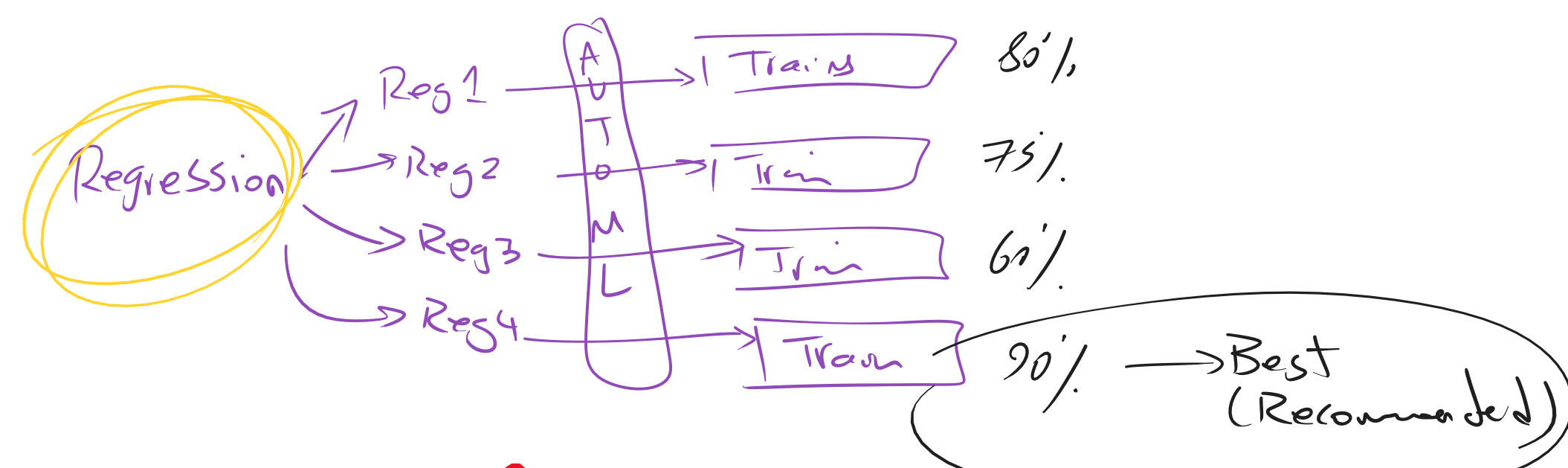
classification

clustering

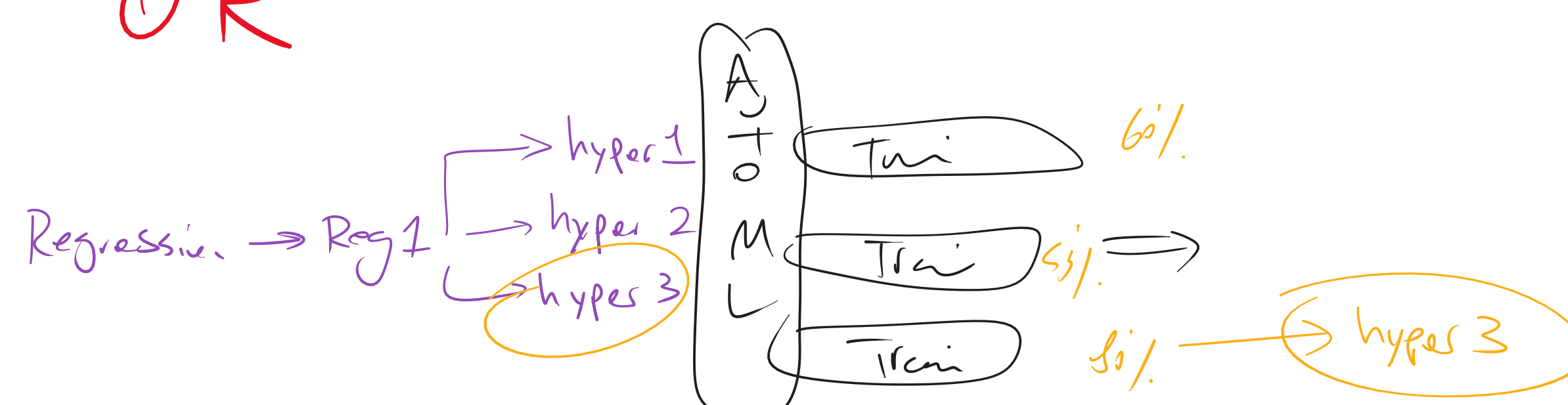
+ GPT models



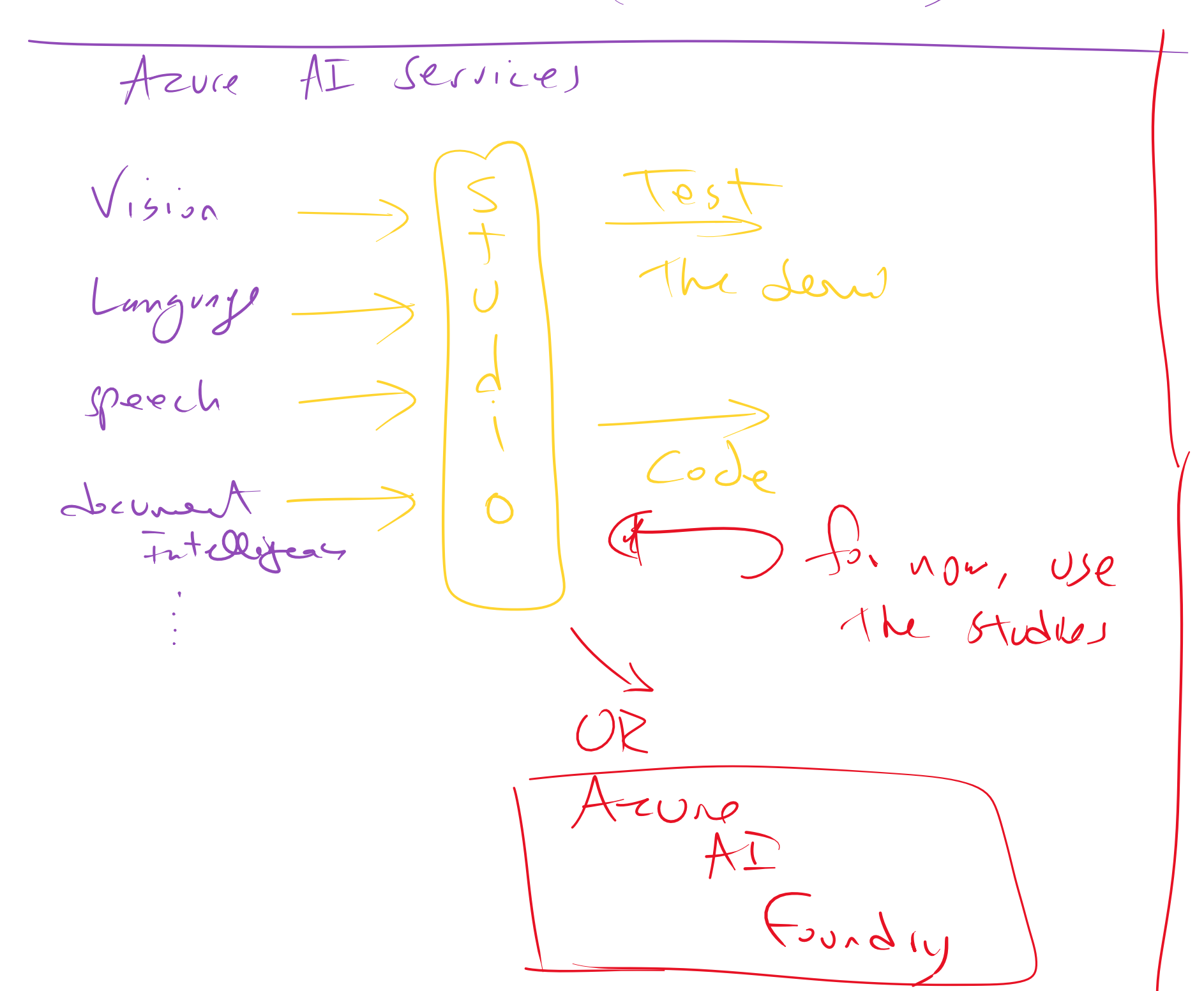
## Automated Machine Learning



OR

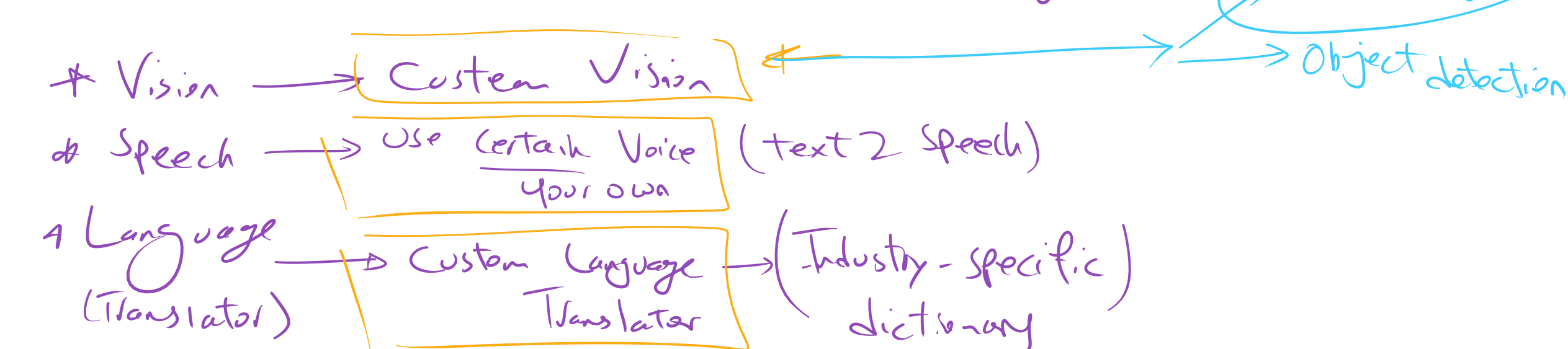


Active AI factory  $\rightarrow$  Generative AI (pre-trained) models + Agents (Active AI Service)



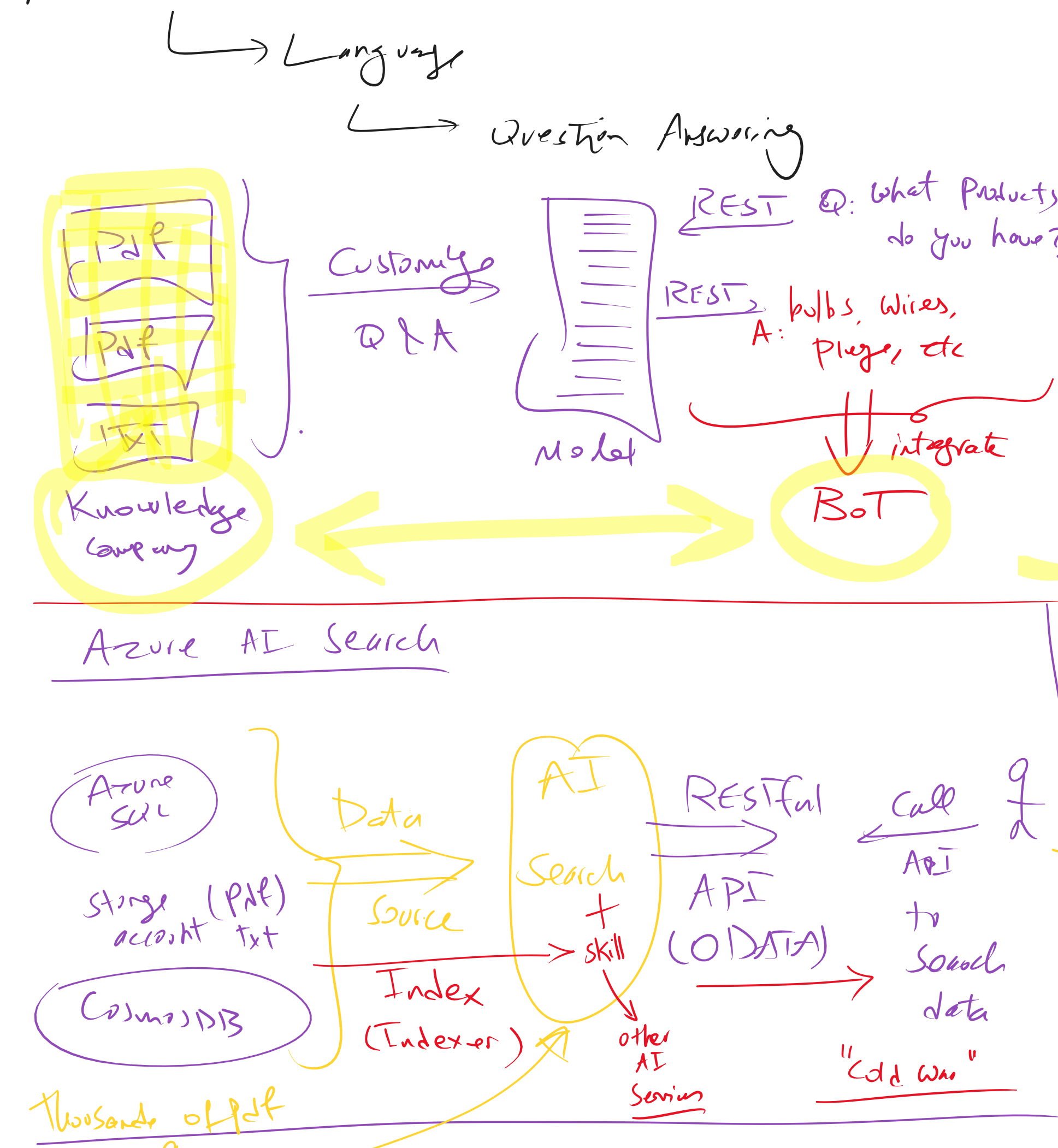
Customizing Azure AI Service  $\neq$  Creating custom models in Azure Machine Learning

SOME Azure AI services can be customized

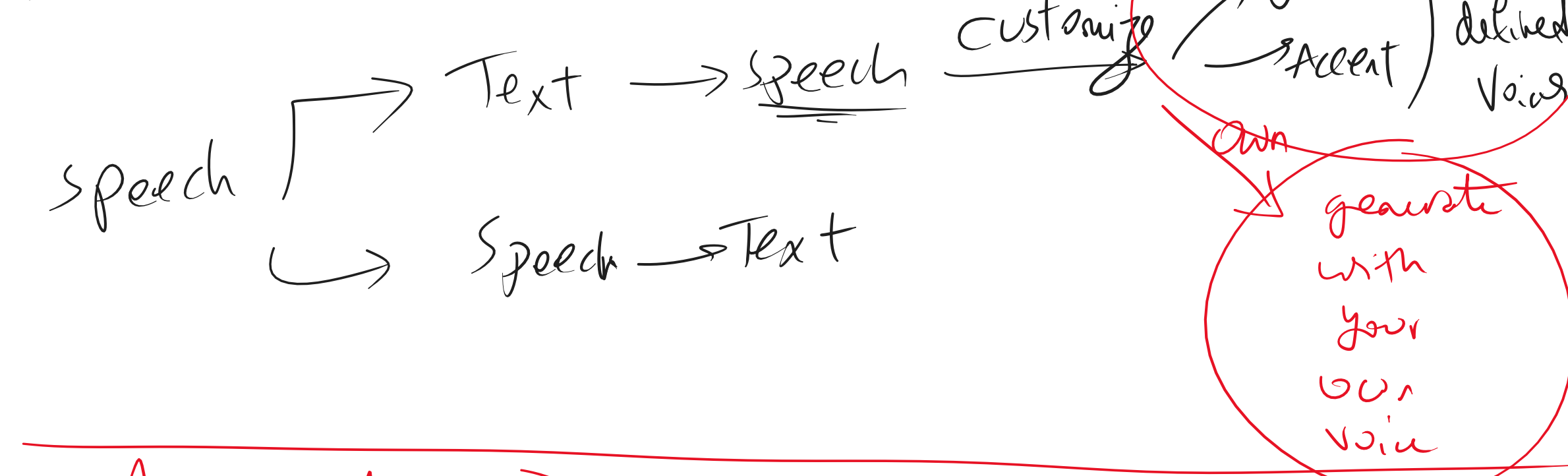


Use Azure AI  $\rightarrow$  REST API (all functions)  
 Server  $\rightarrow$  SDK  $\begin{cases} C\# \\ Python \\ NodeJS \end{cases}$

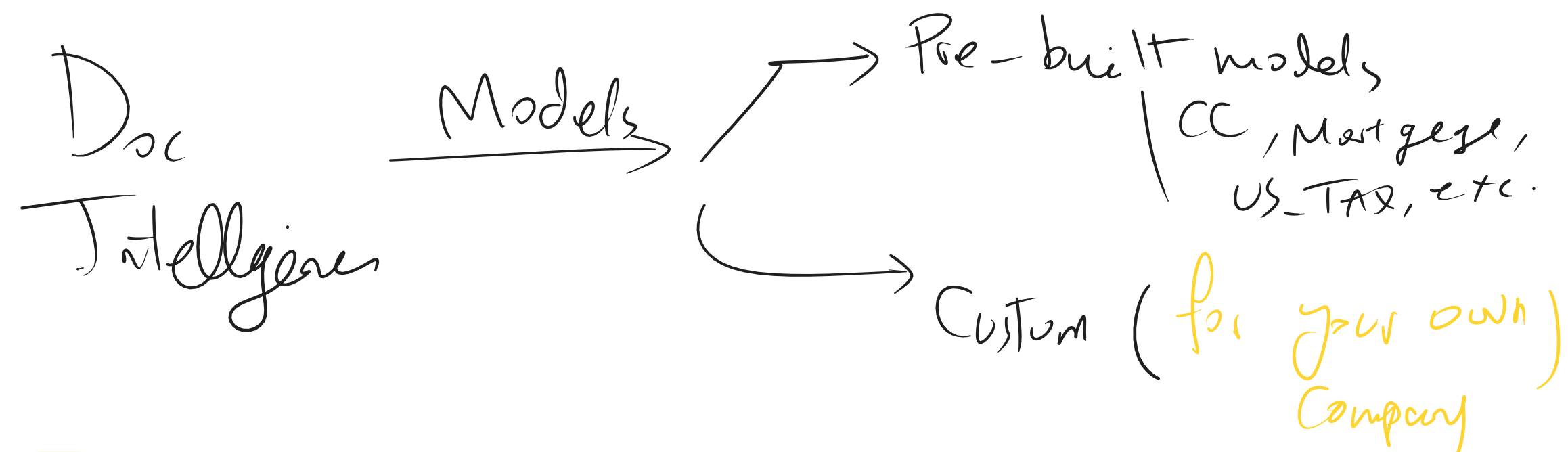
Azure AI Service



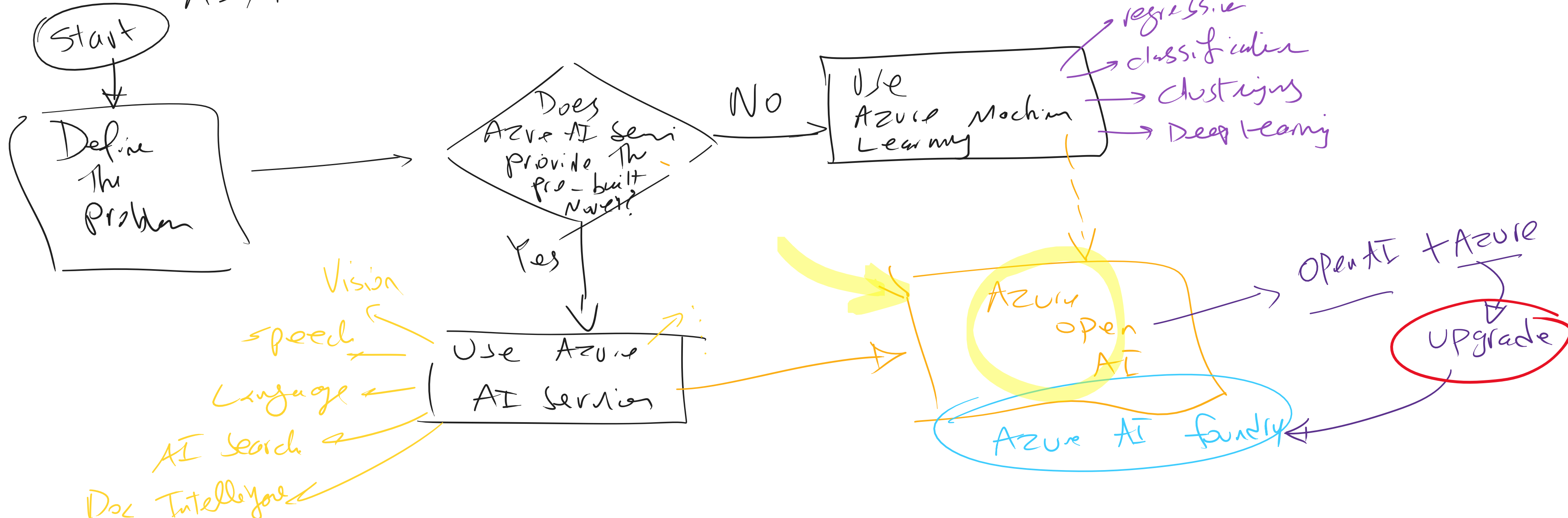
## Azure AI Speech



## Azure AI Document Intelligence



AI/ml options in Azure



Agent

