:::: Primer

Create A Custom AI Model To Automate Intelligence Workflows

Primer has developed a no-code Artificial Intelligence (AI) platform that can be built and used by intelligence analysts to streamline their daily workflows and monitor changing environments.

With Primer Automate, users can encode their information needs directly into Primer's machine learning environment using simple English. Once the model is trained, users can use uploaded data and create any of the following models:

Binary: A binary model can answer yes or no questions.

EXAMPLE:
Is this document about the Russian military?

Multi-label: A multi-label model can answer up to 10 yes or no questions about a document.

EXAMPLE:
Is this document about the Russian Navy?
Is this about the Russian Army?
Is this about the Russian intelligence apparatus?
Is this about the Russian Air Force?

Multi-class: A multi-class model answers multiple choice questions and returns the probability of each answer.

EXAMPLE:
Does this document contain examples of social unrest (labor strikes, protests, riots, etc.)?
National Intelligence Priorities Framework topics

Automate engineers are currently working on adding the following capabilities that will give users the ability to quickly identify specific phrases in documents and relationships between entities:

Custom Entities: Model can identify the location of short or medium length strings in a document of un-obscure classes.

EXAMPLE:
Weapons systems (tanks, aircraft, naval vessels, etc)
Dual use materials for WMD
Sanctioned items for identifying violations

Text-to-Text: Model can transform original text into a new target text type or shape - ie: "Identify the topics in this document," "summarize this into abstractive shorter text," "find the topic sentence or thesis in this piece of intelligence"

EXAMPLE:
Indications of a coup d'etat
Indications of a military mobilization along the Ukrainian border

Relationship Extraction: Given a fixed set of entities, the model can identify possible relationships between entities.

EXAMPLE:
Order of Battle
Organizational charts (for political parties, terrorist groups, smuggling networks)

Contact us to learn more

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