From Velocity Comes Value

Amazon Web Service (AWS) Foundation Models

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Although foundation models have been around for some time, the models that are available today are receiving much buzz. This is because they have been trained on massive amounts of text data for years and have improved to the point where they can handle complex language tasks with more accurate results through billions of parameters. They are pre-trained, but can be fine-tuned to suit individual needs, making them attractive to developers across the globe.

AWS Foundation Model Overview

Before delving into some of the features of Amazon Web Service (AWS) foundation models, it is important to first define a foundation model itself.

A foundation model is a large AI model trained on a vast quantity of unlabeled data at scale, resulting in a model that can be adapted to a wide range of downstream tasks.

The term "foundation model" was first popularized by the [Stanford Institute for Human-Centered Artificial Intelligence (HAI)](). According to Stanford's [Center for Research on Foundation Models]() (CRFM), which was