The Role of GeoAI in the National Geospatial Strategy

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Why GeoAI?



3. GeoAI enabled automation driven by emerging high-stake applications

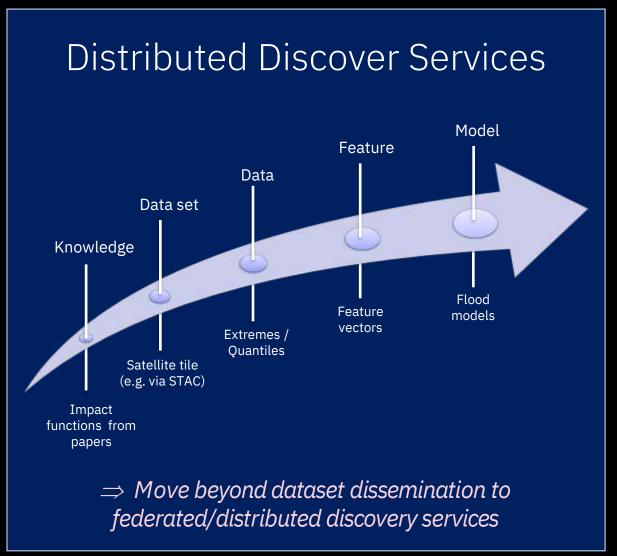


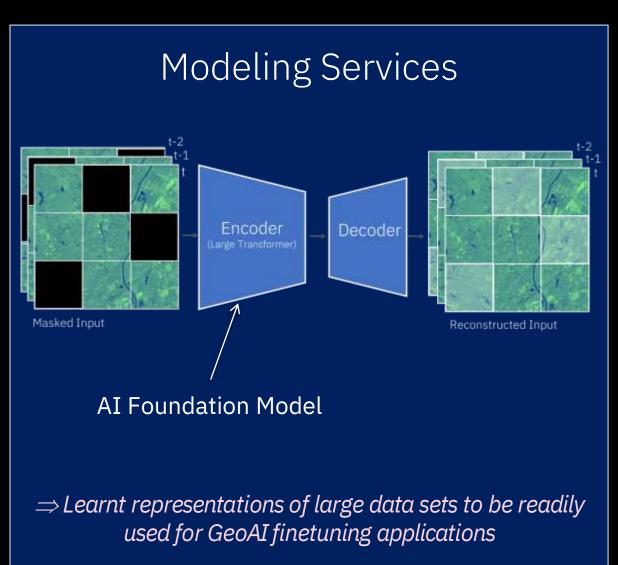
2. Acceleration in maturity of AI with the emergence of generalizable foundation models



1. Massive digitization of "physical" word continues create massive geospatial data sets

A GeoAI-ready National Geospatial Strategy





An example of a GeoAI Partnership between NASA IBM

Pre-trained using NASA datasets and expertise

Leverage **self-supervised learning** (i.e., masking imagery or timeseries)

Able to effectively complete **multiple geospatial and environmental applications** while meeting accuracy baselines (e.g., disaster response, agriculture, and climate change)

