

Atypon AutoTagger

Automated AI-Based Semantic Tagging

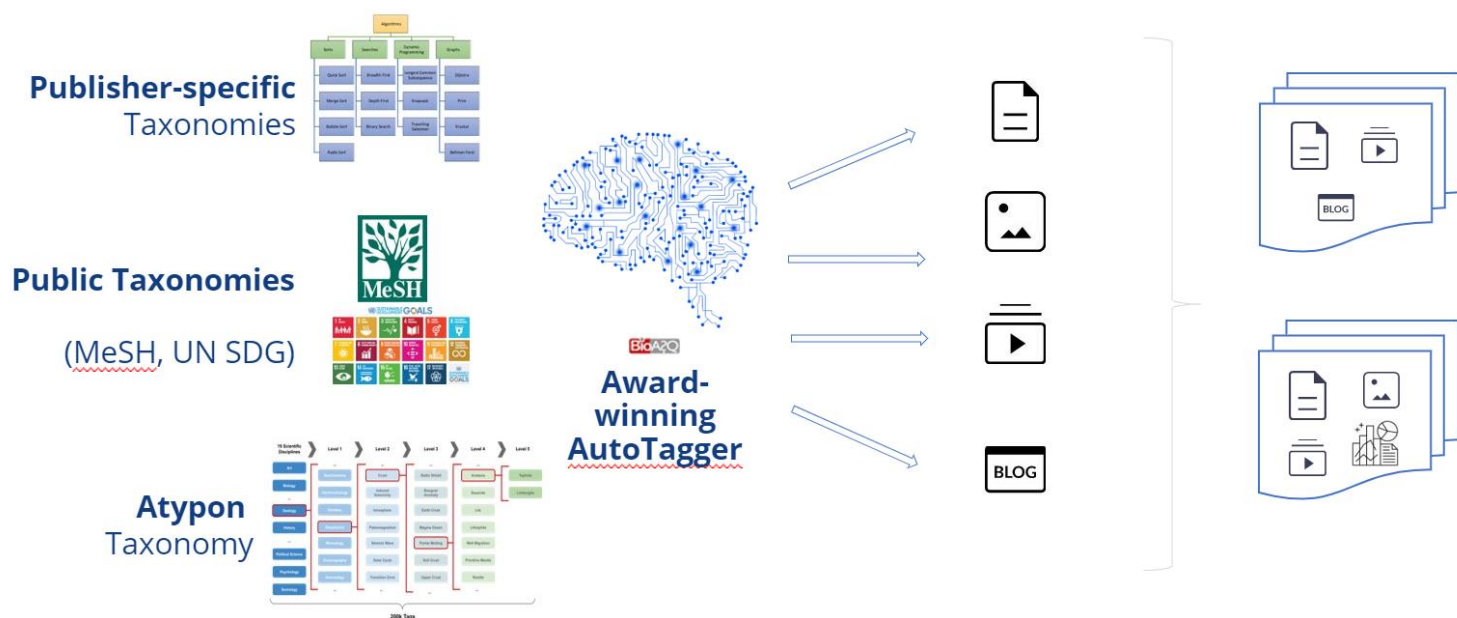


Facilitate efficient and cost-effective content classification.

Atypon AutoTagger and Taxonomy Solutions

Save time, expense, and effort for automatically classifying multi-type content and generating new content collections.

Avoid the resource-intensive and time-consuming process of manual tagging and creating custom proprietary-only taxonomies, increasing efficiency and cost-effectiveness of the tagging process with Atypon's AutoTagger with Taxonomy solutions.



Atypon's AutoTagger won awards in the international BioASQ challenge from 2013-2022, every year there was an auto tagging competition, making it a world leader in speed and accuracy.

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Benefits

Atypon AutoTagger | A pre-trained artificial intelligence classification solution

- Automatic tagging enables you to annotate large volumes of content efficiently, with or without proprietary taxonomy.
- Create targeted campaigns, refine searches, make recommendations, create content collections, and track content usage by topic.

Atypon Taxonomy | A multidisciplinary taxonomy to be used with AutoTagger

- Frees publishers from the resource-intensive and time-consuming process of creating and maintaining proprietary taxonomies.

How it Performs

Details	Auto-tagger type			
	<i>Custom Taxonomy (small)</i>	<i>Custom Taxonomy (large)</i>	<i>MeSH</i>	<i>Atypon Taxonomy</i>
<i>Tags in Taxonomy</i>	40	~3.3k	~30k	~254k
<i>Tagged documents for training</i>	~1.7k	~403k	-	-
<i>Accuracy</i>	85%	65%	68% (BioASQ winner)	74%
<i>Time to train model</i>	18 min	~5.5 h	-	-
<i>Time to tag new publications</i>	40 min for 30k publications	40 min for 207k publications	14 h for 40k publications	5 h for 145k publications

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How they work together | AutoTagger with Atypon Taxonomy

Content Classification Workflow Improvement

Traditional workflow



Proposed workflow

