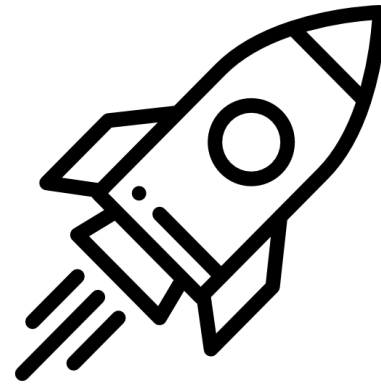


SPACE10



The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

PROBLEM:
CLASSIFY DIFFERENT
KIND OF PUBLICATIONS

Web APPLICATION LEVERAGING MACHINE LEARNING ALGORITHMS



Application Type	Description	ML Role
Semantic Scholar	AI-powered academic search engine	Uses NLP to summarize papers and extract key topics
IBM Watson Discovery	Enterprise tool for document analysis	Applies ML to find insights in unstructured data
BioRxiv Explorer	Search tool for preprint biology papers	Uses ML for clustering and topic modeling
Google Dataset Search	Finds datasets across the web	ML helps rank relevance and interpret metadata
Litmaps	Visualizes citation networks	ML identifies research trends and relationships

Segment

**Academic & Government Research
Portals**

NASA & Partner Agencies



Description

Institutions needing dashboards for
data-driven insights

Internal tools for summarizing and
planning based on bioscience data



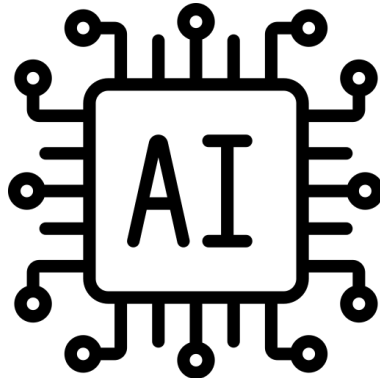
The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Team members:

Razvan Joita
Emil Cucereanu

Applied AI

- driven machine learning techniques—specifically TF-IDF (feature extraction)
- Gradient Boosting model - TF-IDF + KMeans clustering



Thank you for your attention! We're here to gracefully assist with any questions or uncertainties you may have!

