

Project Brainstorm:

- 1) Propose a hypothesis: The evolution of deep learning research can be understood by analyzing trends in academic publications and their citation impact.
- 2) Data collection: Using the Scopus API to retrieve research papers on deep learning over the past five years.
- 3) Methods: Text preprocessing (stopword removal, text cleaning), topic modeling (Latent Dirichlet Allocation - LDA), and regression analysis to predict citation impact.
- 4) Steps to start: Collect research papers using Scopus API, clean and preprocess text, apply LDA for topic extraction, build regression models to analyze citation impact.