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NER helps us extract key information from scientific papers which can help search engines to better select and filter articles.

Datasets with text fragments from astrophysics papers, provided by the NASA **Astrophysical Data System** with manually tagged astronomical facilities and other entities of interest.

"ner_tags": the list of NER tags (in IOB2 format)

References

Subjectivity labels

I think **Education**, **Research**, **Calligraphy**, **Literature**, **Art**, **History**, **Architecture**, **Language** and **Education**, **Architecture**, **Research**, **School**, **History** for adult education, and for knowledge

The interactive table has from **Art**, **Research**, **Science**, **Literature** and **Education**

Controlling, **Literature** and **Art**, **Research**, **Former**, **History**, located on the

Media, **Education**, **Marketplace**, **Education** that helped at the beginning stages of this work.

Relevant **History**, **Education** inputs for this work are available on the **Media**, **Education**, **Marketplace**, **Education** This work was supported in part by the **U.S. Department**

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- We can use this model to optimize search engines as we can run a NER model on the articles once and store the entities associated with them permanently and use those entities to search for articles.
- NER can be used in developing algorithms for recommender systems that make suggestions based on our search history or on our present activity. This is achieved by extracting the entities associated with the content in our history or previous activity and comparing them with the label assigned to other unseen content.