Project 4 – Exoplanet Archive Disposition Analysis and Comparison with Kepler

--From Jingbo Zhao & Ge Shen

Project ideas

In this project, our focus will be on how to use Machine Learning to substantiate the Exoplanet Archive Disposition. In our initial data, we will mainly reference the confirmed koi\_disposition data samples, and then use machine learning to infer whether there is Stella in the candidate data. After drawing conclusions, we can compare it with Kepler Data, or with data from other astronomical telescopes.

Data resources:

[Kepler Objects of Interest (caltech.edu)](https://exoplanetarchive.ipac.caltech.edu/cgi-bin/TblView/nph-tblView?app=ExoTbls&config=koi)

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A screenshot of a computer

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