



ASTRONOMICAL CLASSIFICATION

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OVERVIEW

Classification of astronomical sources in the night sky is important for understanding the universe. It helps us understand the properties of what makes up celestial systems from our solar system to the most distant galaxy and everything in between. The Photometric LSST Astronomical Time-Series Classification Challenge (PLAsTiCC) wanted to revolutionize the field by automatically classifying 10-100x faster than previous methods and provided Kagglers a great dataset for solving this Kaggle problem using machine learning. The workflow comes from the RAPIDS submission to the Kaggle challenge, which came in 8th place out of 1094 submissions.