**Pulsar Star Data**

**1) Sources**

<https://archive.ics.uci.edu/ml/datasets/HTRU2>

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**2) About**

This is a data set which describes a sample of pulsar candidates collected during the High Time Resolution Universe Survey.

Pulsars are a rare type of Neutron star that produce radio emission detectable here on Earth. They are of considerable scientific interest as probes of space-time, the inter-stellar medium, and states of matter**.**

**3) Data Description**

1. **MIP: Mean of the Integrated Profile**
2. **SDIP: Standard Deviation of the Integrated Profile**
3. **KIP: excess Kurtosis of the Integrated Profile**
4. **SIP: Skewness of the Integrated Profile**
5. **MDS: Mean of the DM-SNR curve**
6. **SDDS: Standard deviation of the DM-SNR curve**
7. **KDS: excess Kurtosis of the DM-SNR curve**
8. **SDS: Skewness of the DM-SNR curve**
9. **class**

**4) Data file format**

The file is present in **xlsx format**.