**Kaggle**

[**https://www.kaggle.com/deepu1109/star-dataset/notebooks**](https://www.kaggle.com/deepu1109/star-dataset/notebooks)

**Context**

This dataset was made by me to make a **star classifier** using **Deep Learned Models like DNN**.

**Content**

Most of the data was found from web .  
The missing data were manually calculated by me using several equations in astrophysics like:

1. **Stefan-Boltzmann's** law of **Black body radiation** (To find the **luminosity** of a star)
2. **Wienn's Displacement law** (for finding **surface temperature** of a star using **wavelength**)
3. Relationship with **absolute magnitude**
4. **Radius** of a star using **parallax** .

**Acknowledgements**

Wikipedia

Stars and Galaxies by SEEDS | Backman ( Book or rather PDF)

**Inspiration**

I would love to get more data of stars . If the community provides more, I'll be thankful to kaggle.com : )