Astronomical Data-Modelling and data interpretation

Assignment -1

Q. If you finally find the dataset of any event/experiment that you've been searching for (say in .csv format), do you think your job of analysing the data is done, just by performing operations (which we will learn) on the computer? Are there any issues you could face?

A. No, for writing an efficient code we should comprehend and analyze the data properly. We need to check what kind of data types (to know whether int/float/string variables are used to use appropriate functions and to perform appropriate operations) are involved to write the program. Also, if we understand the data properly we can debug our programs quickly and in a better way. We need to set the scales and ranges of various plots, bar graphs and histograms, which again requires proper analysis of the given data.