I. Introduction:

-  Describe the background of the cosmology application for the contest.

-  Overview the specific tasks listed in the contest that you will be tackling

-  Define the scope of your project and the expected results.

III. The tasks:

-  Explain the selected tasks in more detail

-  Describe the algorithmic and data analysis components required to perform the tasks

II. The data:

- Describe the contest datasets: the formats, the information contained in the data sets and the relationships between the data sets.

- If you will perform any transformation, describe your methods and explain how the data transformation will help to perform the tasks.

IV. Software:

- Describe the existing software that you will be using to read, process, and analyze the data.

- Describe the software that you will be creating

V. Visualization design

- Describe the visualization that you will be creating for the tasks

- Describe how users can interact with the data

VI: Expected results and evaluation

- Describe any actions that you have taken for the project (downloading and cleaning data, etc.)

- Present any preliminary results if any

- Describe the expected results from your project