Questions/need:

1- From specific morphological data about galaxies and votes gathered from an SDSS survey, I want to build a model to classify whether the galaxy is spiral, elliptical, or uncertain.
2- To help automatically classify a galaxy.

Data Description:

1- I will use data from the Galaxy Zoo specifically GalaxyZoo1 from Table 2, and the data is available to download for everyone.
2- Each observation contains an object ID for each galaxy, right ascension and declination, the fraction of votes of whether the galaxy is elliptical, clockwise spiral, anticlockwise spiral, edge-on spiral, don’t know, merger, or combined spiral. Each observation is also classified as SPIRAL, ELLIPTICAL or UNCERTAIN.
3- My target is the SPIRAL, ELLIPTICAL, and UNCERTAIN columns, and I will build a model to predict what a specific galaxy should be classified as.

Tools:

1- I will use Jupiter notebook to run my Python code, and I will use libraries including Numpy, Pandas, scikit-learn, Matplotlib, and seaborn.
2- No.

MVP Goal:

Figure out the best model with the available data and build a baseline model.