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For my project I will be doing a Stock market pattern recognition web application that will be able to detect similar patterns on different stocks in the past and tell the user which stock is more feasible to invest in. So, a user should be able to login to a stock market web application and then they will be a pattern recognition icon that they can press to find all feasible patterns on which of stock they choose and from that pattern give the user a better understanding of how the stock acted in the past and if it is a good stock to invest in. This first week I will do more research into the IDE that I need to use, and which language is best for this project. Also, I will get a better understanding of what is to be done for the project before I dive into coding material as I guess this is going to require heavy code. As for this weekly report I finally decided on which idea I am going forward with as I explained the idea for the project and then what my steps will be for this first week.