Title: Employment Status based on parttime or fulltime student status. Name: Anurag Khare. I am going to be doing an analysis of part time vs full time students specifically and finding out the employment status based on those.

Many students have to work part time due to additional commitments such as financial constraints, family commitments, health issues and more. An analysis of this would help in making an informed decision on whether a person should pursue being a part time or full time student as it would answer which route would give them a better chance of achieving their goals with the least amount of issues. For example, a person who would like to see if their employment chances after graduation would be affected if they work full time(unrelated to their degree) while being a part time student to lower their debt in the future while living their regular lifestyle.

This is challenging because there are many variables in the data, including something like disabilities which can play a big role on how the data is looked at. Or something else like if a student works and volunteers can have an impact on their employment success rate through factors like references.

The domain of this problem is data of post-secondary student graduates who graduated in 2015 and had their interviews in 2018.

This can be transferred to other places where being part time and full time is an option such as employment.

The problem is a Classification problem because the result will either be employed or unemployed in the end.

The input will be the status of the student and other related fields such as volunteering, disability, GPA and more to provide more context and improve the result accuracy. The output is the employment status, such as unemployed or employed or self-employed.

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