Open data it’s the data that has a free use for anyone who wants to access it, use or share without any inconvenience or restrictions. It’s normally made available by governments, organizations, or by people to give an idea and new ones about openness, and teamwork. We can use open data for many reasons, for example helping with research, with public services, and solving social issues. It comes in formats that can be easy for someone to access to them by their computers, like spreadsheets or data bases, so it can let people analyze and see the data in different ways like creative ones. Here’s an example of an open data project and it’s called the "OpenStreetMap" project. This project gives free geographic data to anyone so they can use it to create maps or make location applications. All over the world people that wanted to be volunteers contributed in the data to improve and update the maps, making it a collaborative and a teamwork effort. The author of the OpenStreetMap project is Steve Coast from Britain and he’s an entrepreneur and a software developer. He started the project in 2004, with his goal to create a free and open map of the world that could be edited and improved by anyone, like Wikipedia. Steve Coast’s work on OpenStreetMap has made a huge impact on the geography industry, and his platform was a success because everyone uses it wisely, not only people use it, but also businesses, and governments. In conclusion open data is very important for our lives, we may not know when we are using open data but the reality is that it's everywhere making new opportunities to create solutions to any problem and we use it every time on a daily basis.

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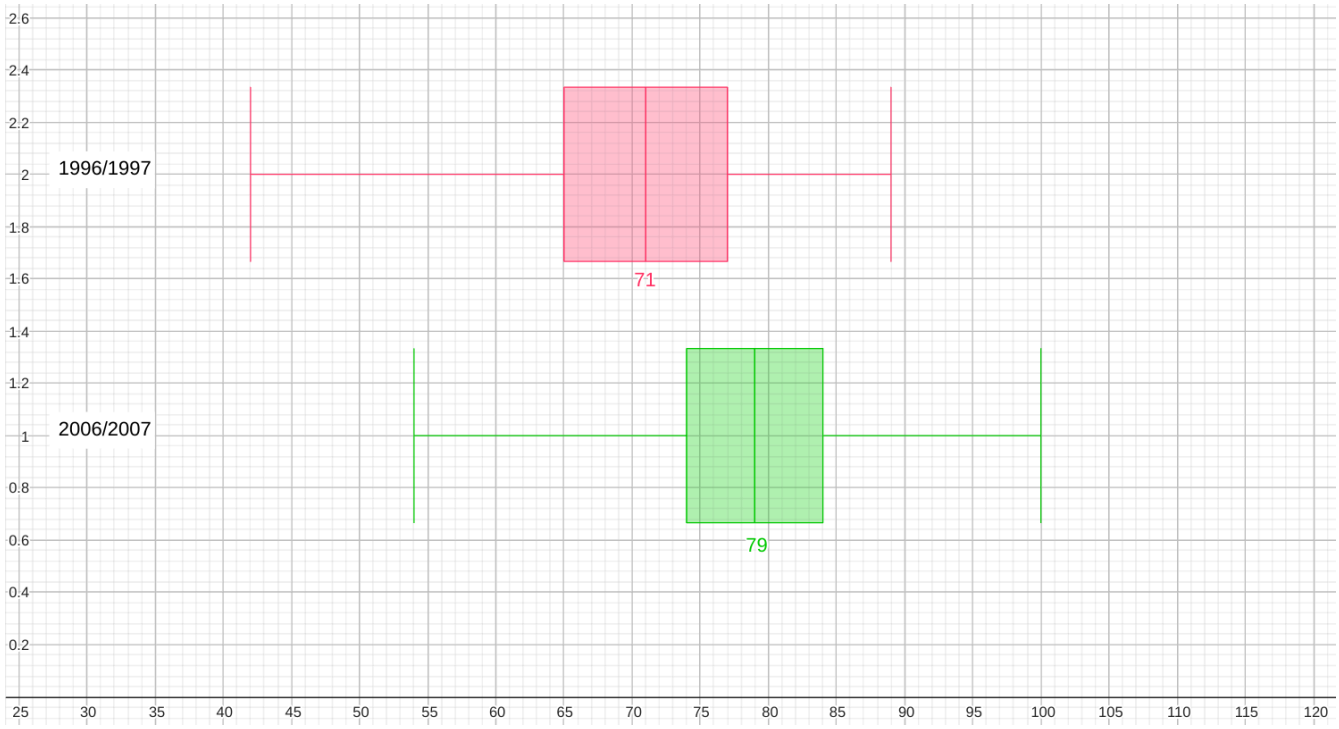
PART 2: Analyse your choice of data from the grade 12 graduation data from BC, 1996 to 2024. Choose at least two data sets to compare. Explain what you are comparing, create a comparative box and whisker diagram or at least two box and whisker plots. Write a paragraph or a few paragraphs explaining your observations. Submit your spreadsheet.

The data set I will compare is the graduation rate for grade 12s of all students in the year 1996/1997 and ten years after 2006/2007.



What the upper pink diagram shows is the people that graduated in 1996/1997, the outliner in 1996 has a percentage rate of 71%. Referring to the data table and checking the data of 10 years after 2006 they improved from 71% graduation rate to 79% graduation rate.