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Databases and Web Apps Final Project

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Final Report

1. https://github.com/JayminPatel992000/finalprojectjaypatel
2. One of the limitations I had was figuring out how to keep this graph’s database constantly refreshing for the latest data. To fix this, I would try to generate a separate database that would retrieve data from the web and create a sheet of data that would automatically update and in turn update it within java. I am unsure of how this would take place but that is something I would love to learn more about.
3. One of the challenges was the tedious effort in retrieving the data due to the limited amount of access to the bls webpage, to combat this, I made sure to do each section at a time and tried not to waste my attempts. Another challenge was finding various colors for each line graph, but to simply get past this I went to google and searched up a list of various colors.
4. A potential enhancement to the project could be to add a personally created dataset to make it easier for students to access the data, perhaps from an excel sheet or from sql? I believe this would keep the project the same but make it easier for students because they wouldn’t have to try and access the bls webpage every time.
5. I would love to see data from different collar jobs such as blue, white, pink, etc. I would also love to see data comparing the salaries of various occupational groups. I think perhaps a bar graph, or a line graph would be suitable for either on of those datasets.