In this visualization, I wanted to take W.E.B. Du Bois’ original visualization and update it to show the progress we have made in America. Unfortunately, it is hard to tell the exact number of Black teachers in W.E.B. Du Bois’ visualization, but I have hopes that the number today is greater. I wanted to highlight in my visualization the increasing number of Black teachers. I uncovered that their number is in fact increasing, which I am glad to have discovered. Although not included in the visualization, I also discovered that Black teachers are still a small minority compared to White teachers. This saddens me but I am glad to see that the number is increasing. This difference in numbers emphasized for me the need for diversity, especially in schools. When comparing my updated visualization to W.E.B. Du Bois’, my visualization was done digitally and uses Microsoft Excel. My visualization also covers a wider range of years and uses numbers to actually show how many Black teachers there are compared to Du Bois’ use of bars only. His graph shows the number increasing, but this is only shown through bars increasing in length, not actual numbers. My visualization also uses a variety of color so that it is harder to get lost than when looking at bars of the same color.

Letter

Description automatically generated with medium confidence

Du, The W. E. B.. *W. E. B. du Bois's Data Portraits : Visualizing Black America*, edited by Britt Rusert, and Whitney Battle-Baptiste, Princeton Architectural Press, 2018.*ProQuest Ebook Central*, <https://ebookcentral.proquest.com/lib/purdue/detail.action?docID=5515147>.

Chart, bar chart

Description automatically generated

Figure caption: This graphic displays the number of black teachers in thousands in the United States throughout a set of years.

Tool used: Excel