

**High School Affiliation:** Lisgar Collegiate Institute, Ottawa, Canada

**Group Members:** Deniz, Eric, Ana, and Aidan.

**Mentors & Teachers:** Lindsay Cullum, Robert McDonald

**General Topic of Research:** Our group wants to analyze and understand Canada's equal distribution of public school funding compared to the United State's non-equal distribution of public school funding and how that can affect the quality and success of students in secondary education.

**What's our objective?** Our objective is to make a comparative analysis between the equal distribution of public school funding in Canada versus the non-equal distribution of public school funding in the United States at the secondary school level federally. More specifically, we are analyzing how the various education funding systems can affect the success of students. Using this data we hope to create a novel solution about funding, that will ultimately benefit the success of students using an integrative thinking method<sup>1</sup> and applying ideas from the UNESCO Sustainable Development Goal 4<sup>2</sup> in order to achieve "Equity in Education".

**Link to GitHub Repository:** <https://github.com/Deniz-Jasa/Big-Data-Challenge-2020-2021>

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<sup>1</sup> Martin, Roger. "How Successful Leaders Think." Harvard Business Review, August 1, 2014. <https://hbr.org/2007/06/how-successful-leaders-think>.

<sup>2</sup> "Leading SDG 4 - Education 2030." UNESCO, July 3, 2019. <https://en.unesco.org/themes/education2030-sdg4>.