

Academic Investment: Tuition Costs vs. Future Earnings

Capstone Project

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Project objective:

Visualization of the information about tuition fees, expected future income by a major field of study, and a level of education in Canada and provinces.

Project execution:

1. Identifying data sources and data collection

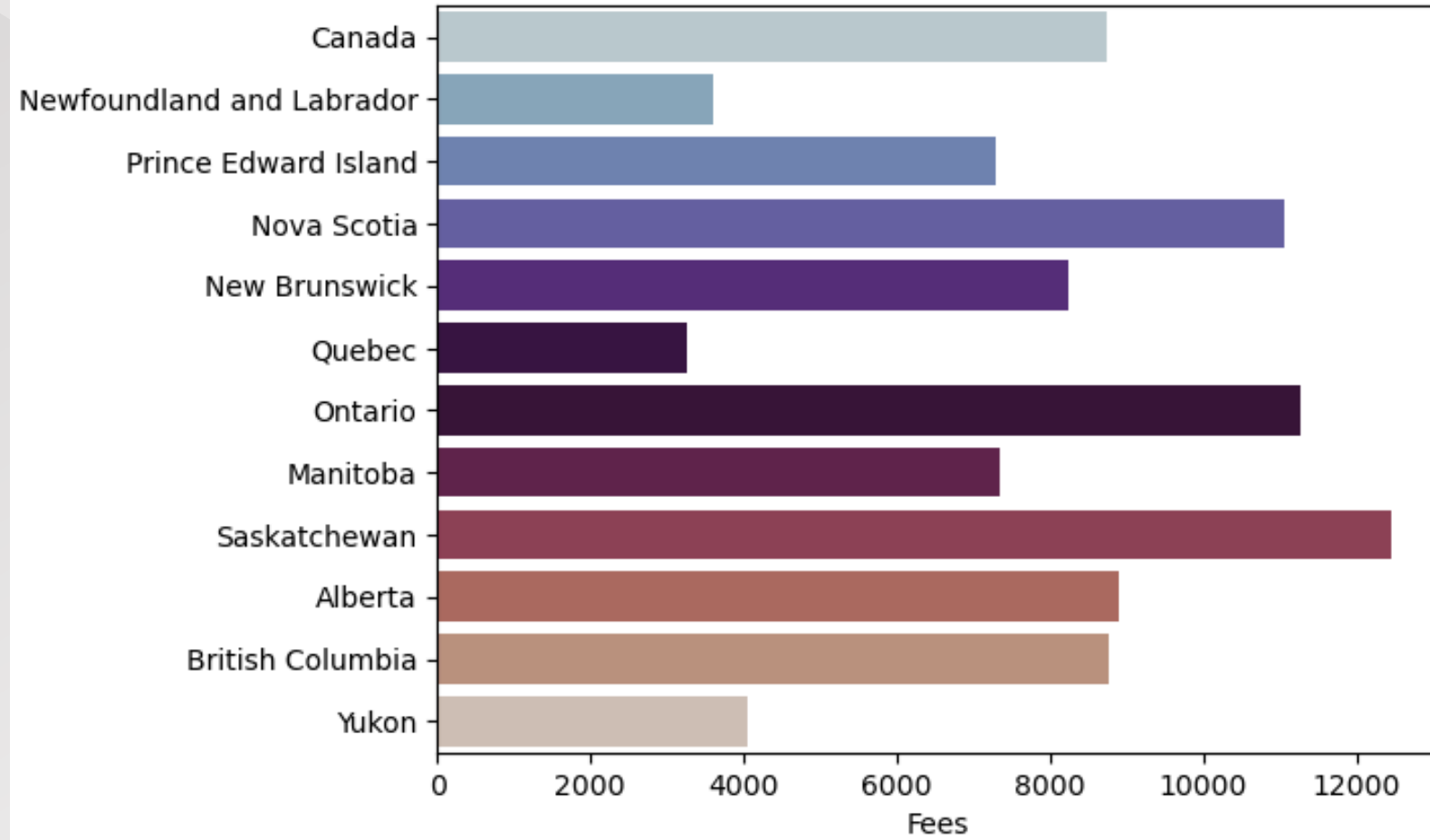
2. Data cleaning and preprocessing

3. Exploratory Data Analysis

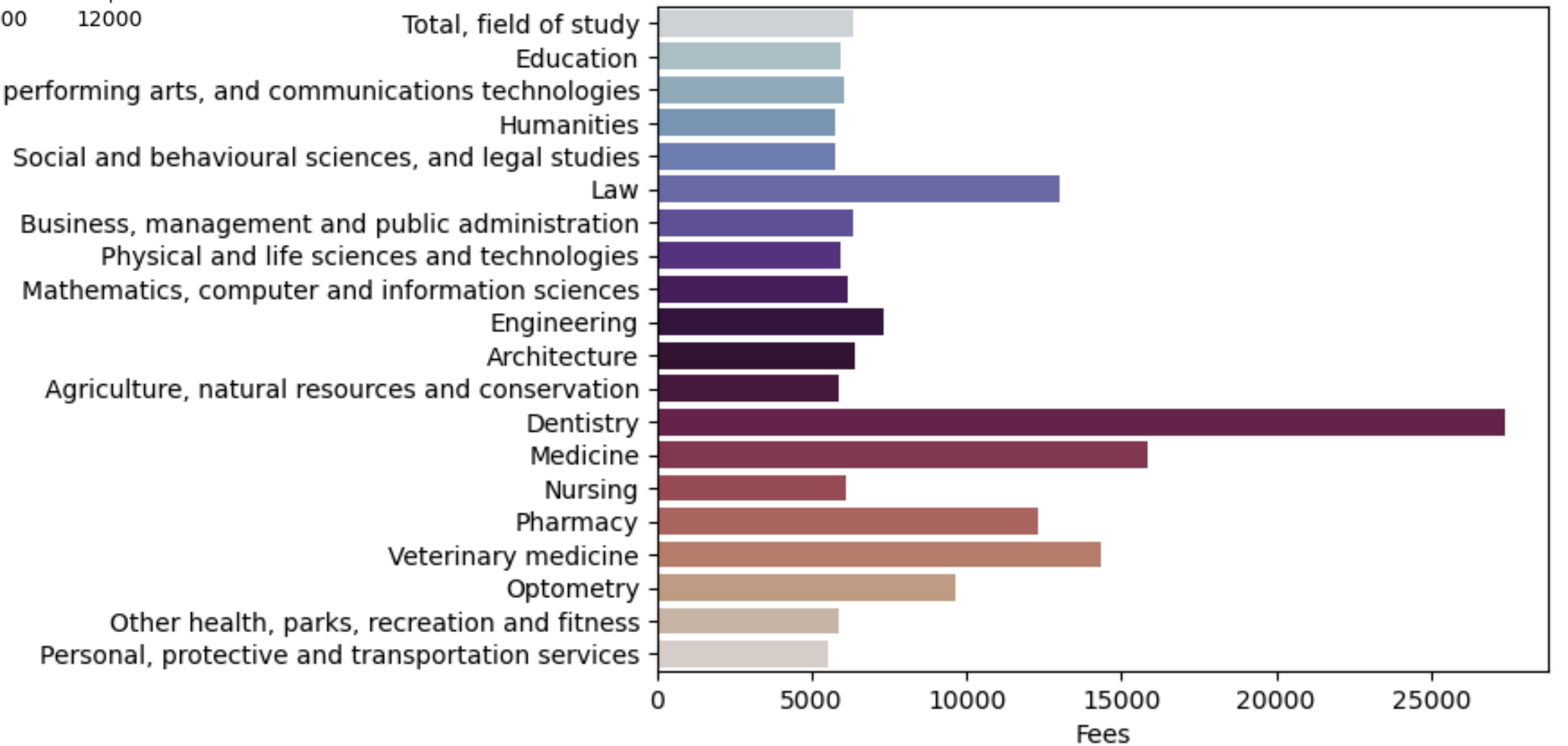
4. Data visualization and creation dashboard

5. Interpretation of results and creating a presentation

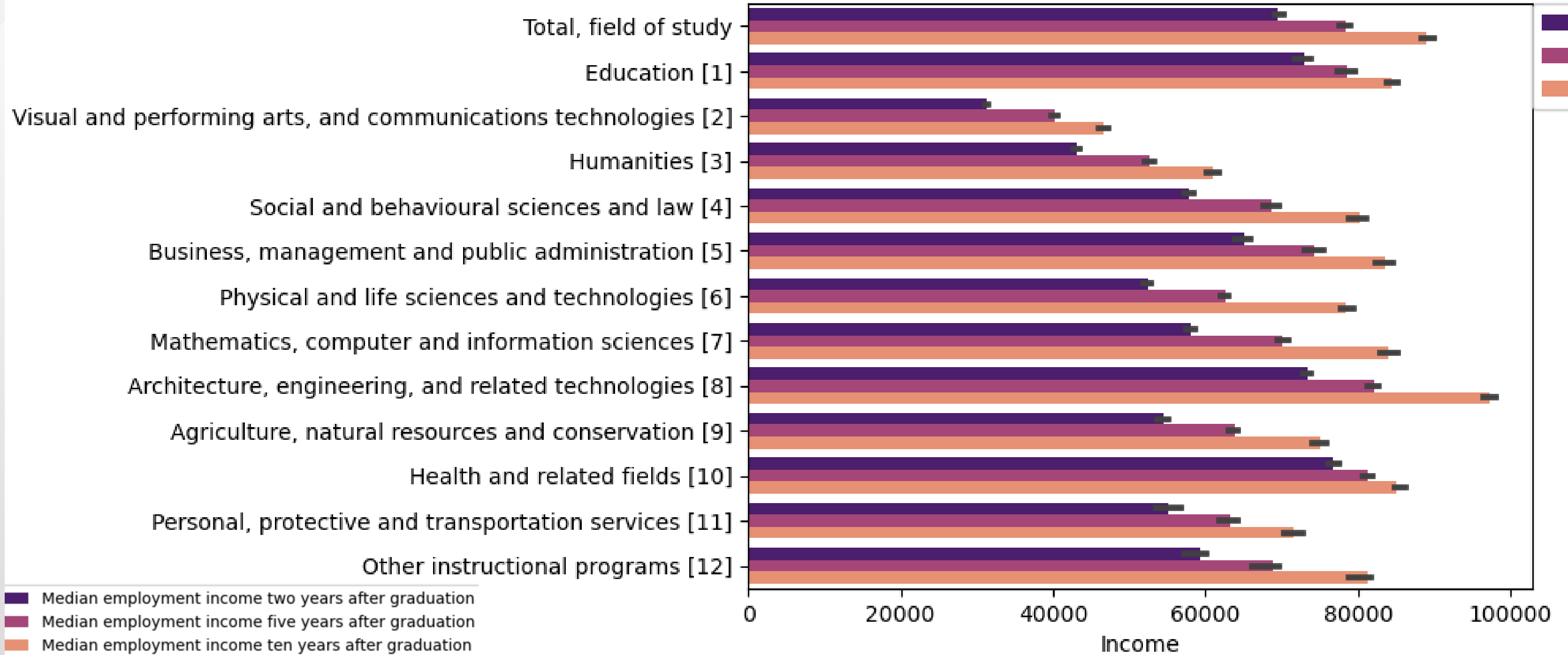
Average tuition fees for undergraduate students by geography



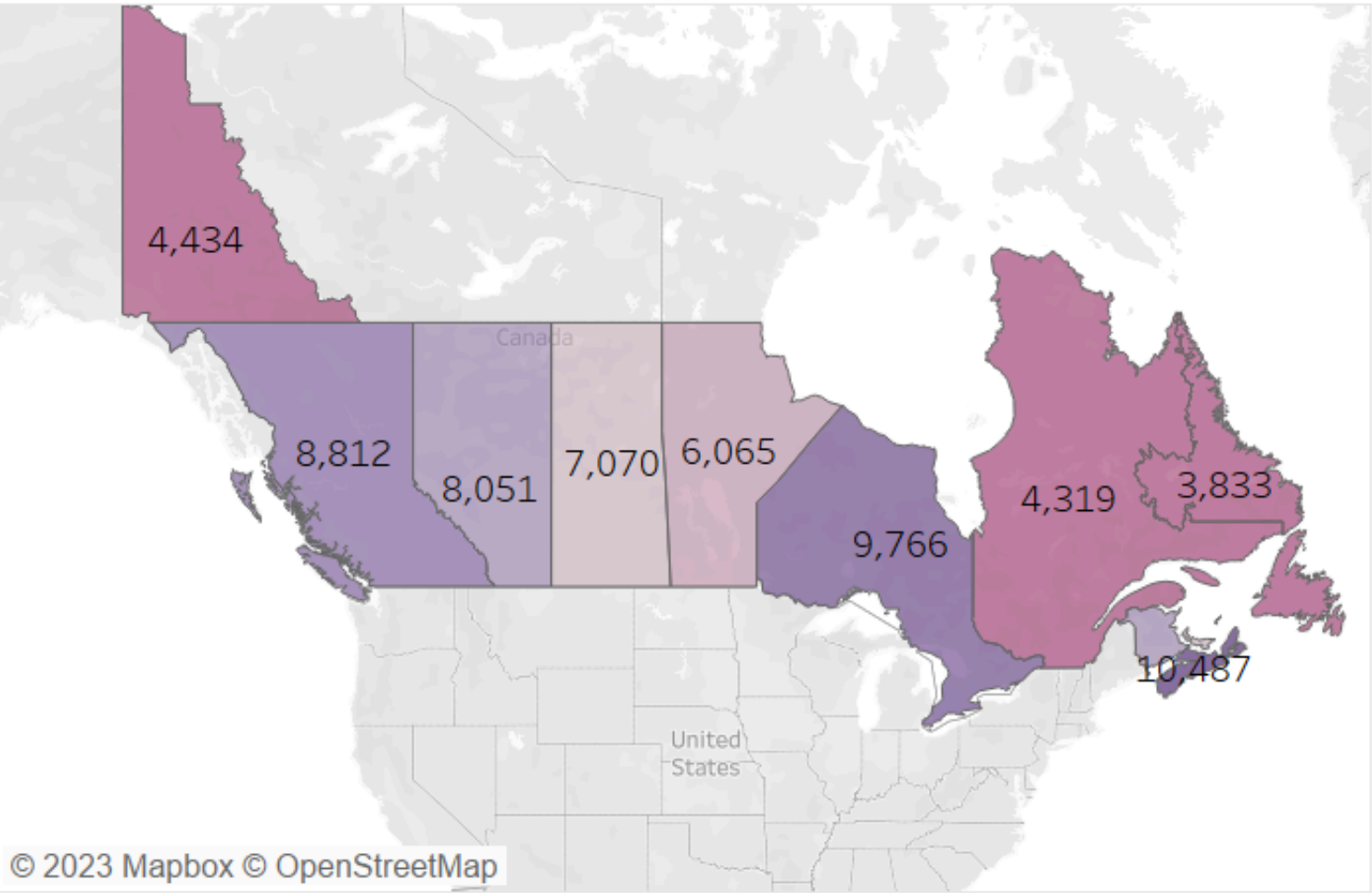
Average tuition fees for undergraduate students by field of study



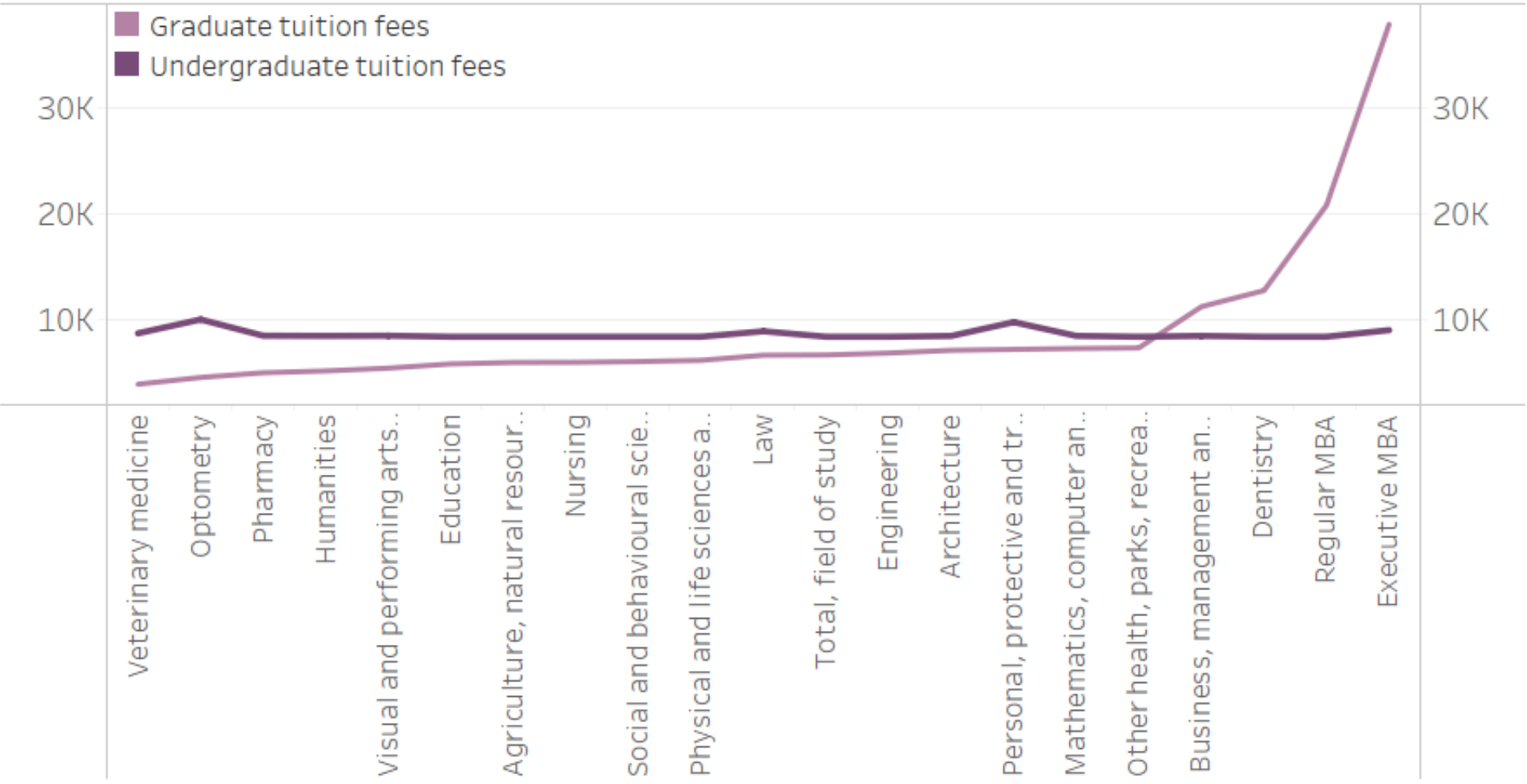
Median employment income after two, five, ten years of graduation



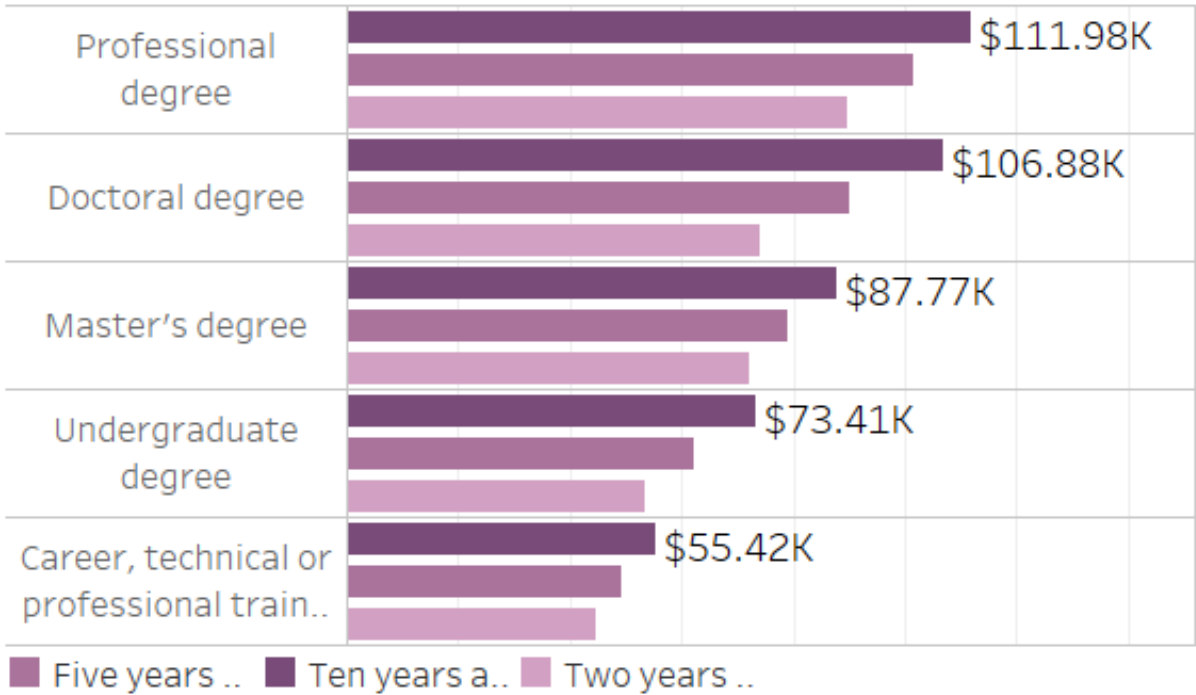
Average tuition and additional compulsory fees



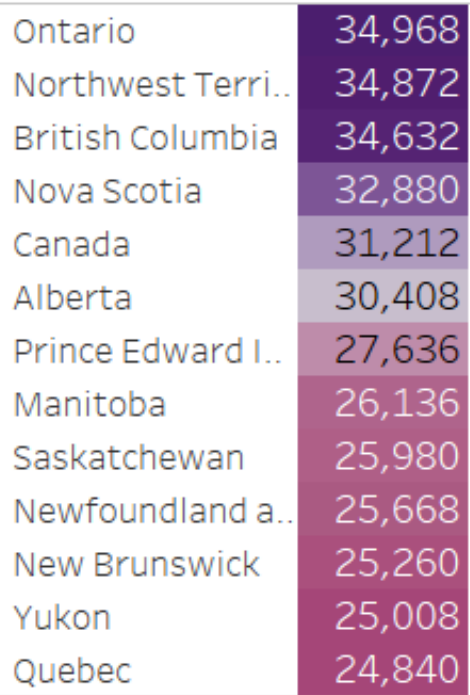
Tuition fees



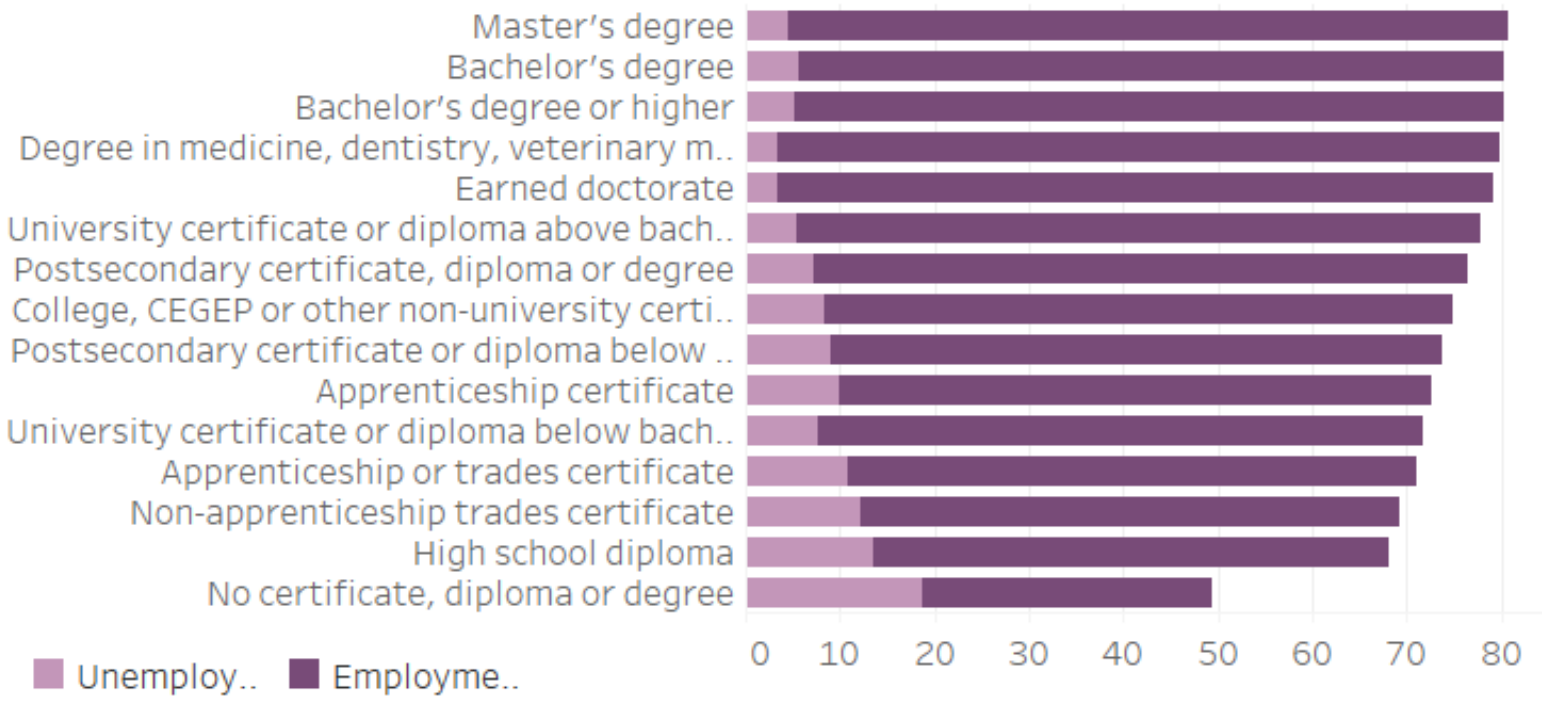
Median employment income by level of education



Cost of living by provinces (per year)



Employment and unemployment rates by level of education



Tools and technologies



Future goals:

1. Investigating how many students decide to change their major field after their first year
2. Examining the completion rates for different educational levels and major fields
3. Exploring the impact of on-campus accommodation requirements on tuition fees

Thank you!

Feel free to contact:

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