

Sabbatical Report

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The purpose of my sabbatical was to conduct research on the Greenhouse Gas Emissions (GHGE) of the highest emitters using the CDP database (formerly the Carbon Disclosure Project).

I accomplished the tasks outlined in my proposal. I collected, aggregated and transformed 10 years of emissions and financial data. I reviewed related literature; analyzed the data to select the appropriate model; programmed the model; and submitted a manuscript to a peer reviewed journal.

Aggregating the data took longer than expected because the CDP changed its questionnaire every year. On my [website](#), I documented and shared the code to extract, transform and load the CDP data for analysis. Because the CDP data is so difficult to work with few researchers explore longitudinal trends in corporate GHGE. I will use the data I compiled in my future research, and hope others will benefit from my code.

I teach data extraction and aggregation skills that I developed during my sabbatical to students in my business data analytics course.

I am grateful for the time my sabbatical gave me to enhance skills useful in my teaching and research.