**Personal Project Title:** Online Learning in the Wake of COVID-19

**Description:**

In bid to understand how people have been adapting during the recent COVID-19 times, I’d like to understand ***how people are responding to the changes.***

My main focus is the education sector. With cancellation of the school year and many universities shifting to ***Online Learning***, I’d like to find out the effect of all these changes. My audience of focus would be ***ages 16-30years,***school going kids.

One of the measurable goals is to find what shift has taken place. I will be working with online platforms: **Pluralsight, Udemy** & **Harvard.** As part of the project, I’d like to understand how students have ***responded to the shift****,* what ***solutions*** are there and what ***alternatives*** do the students have.

I will work on Cleaning and **Visualizing the Data.**

**Data:**

* Online Courses with Top Users
* Courses that have been completed
* Time Series of how courses have been consumed: especially since March 2020
* Sentiments on Social Media to understand people’s sentiments

**Data Sources:**

* Pluralsight API: (data has a 1yr limit) - <https://www.pluralsight.com/product/professional-services/white-paper/api>
  + Returns a list of courses that users have completed in the last year.
  + Returns course usage for users in the last year.
  + Returns the latest course catalog.
* Udemy API (app name not working) - <https://www.udemy.com/developers/affiliate/>
* LinkedIn Learning API (link to a page etc) - <https://docs.microsoft.com/en-us/linkedin/>
* Harvard API - <https://wiki.harvard.edu/confluence/display/LibraryStaffDoc/LibraryCloud+APIs>
* OpenClassrooms API - <https://openclassrooms.docs.apiary.io/#introduction/pagination>
* Scrape Data From Twitter/Facebook - for sentiment Analysis (by the way)

**Platform/Tool:** Tableau, Power BI, Python

--------------D3Js for visualization if I get time