Project Proposal for IFSC 5345 Information Visualization

**Global COVID-19 cases and vaccinations tracker**

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**Project Description:**

COVID-19 escalated from a serious concern to global pandemic. It has affected the world since the end of 2019. Countries’ economies and the daily lives of their citizens have significantly been altered. Up to now, vaccination is the newest and the most effective way to control the virous. Our project seeks to provide insight through visualizing the number of cases and vaccinations. Data is rapidly being created as the number of cases and vaccinations increase. Our goal is to employ the use of interactive visualization as a means of quickly assessing the current state of the pandemic.

**Objective:**

We will make an interaction world map visualization. Users can see the total number of the Covid-19 cases and vaccinations for a country.

**Tasks:**

* Before Mar 23: Decide topic.
* Mar 24 to Mar 31: Preliminary search for key data. Complete and submit project proposal.
* Apr 1 to Apr 19: Keep research and make progress for project. Do the progress report.
* Apr 20 to May 3: Complete the project and prepare to do the final presentation.

**Data and information sources:**

* Vaccination-Data.xlsx from WHO
* WHO COVID-19 global table data.xlsx from WHO
* Any other public data and information in future research

**Technologies:**

* Microsoft Excel
* Tableau
* Python
* React
* Plotly
* Cufflinks
* Other pertinent visualization tools