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- your choice for the project :
Understanding the Impact of the COVID-19 Pandemic
- previous work and references
 - [Air quality changes in New York City during the COVID-19 pandemic](#)
 - [Impact of COVID-19 Behavioral Inertia on Reopening Strategies for New York City Transit](#)
 - [Obesity and COVID-19 in New York City: a retrospective cohort study](#)
- problem description and goal
 - The impact of covid is hitting everyone worldwide. Some businesses were overwhelmed and some were damaged. Our goal is to find the common changes in different industries when the covid hits. This would help us to analyze what covid could affect different aspects and learn what to do in future disasters.
- the data sets you will use:
 - New York city open data
 - Google dataset search
 - Nasdaq
- the method/approach you propose:
 - Analyze the data in different businesses and industries that were hardly impacted by the covid, and find the rapid changes to show the timeline of the changes.
 - Analysis by the graph of comparison before and after the pandemic
 - Find the similarities of these data to the covid timeline of New York.
 - Use the similarities to check other data that were not affected by the covid in the first place
- evaluation criteria:
 - Economic activity like taxi trips, unemployment rate, stock price...
 - Statistical significance of the data in comparison.
 - Data cleaning is done correctly without bias in the dataset.
- week-by-week schedule with milestones for the different group members.
 - Finds different sources of datasets and begin doing data processing(3 sources each member is responsible for one and we all find one indirectly related data)
 - Doing comparison of data before and after pandemic by using graphs.(each member is responsible for its source data)
 - Make reports for the data analysis results and be ready for presentation.(Do these together)