Team 4: Potential Topics

1. Build predictive models for forecast future traffic conditions or rider demand in specific city/area
   1. Uber Trips Time Dataset: [[Uber Movement](https://movement.uber.com/explore/london/travel-times/query?si=573&ti=&ag=lsoa&dt%5Btpb%5D=ALL_DAY&dt%5Bwd;%5D=1,2,3,4,5,6,7&dt%5Bdr%5D%5Bsd%5D=2020-03-01&dt%5Bdr%5D%5Bed%5D=2020-03-31&cd=&sa;=&sdn=&lang=en-CA)]
2. Investment Opportunities in the Video Gaming Industry: who is undervalued between the four?
   1. Scope (Nintendo/Activision/Ubisoft/EA) [[Stock Price Dataset 2000-2023](https://www.kaggle.com/datasets/kapturovalexander/activision-nintendo-ubisoft-ea-stock-prices) ]
   2. Potential Data Overlay [[Video Game Sales Data](https://www.kaggle.com/datasets/gregorut/videogamesales/discussion)]
3. Predict real-estate *boom* or *bust* in Montreal
   1. Housing Market Data: [[CMHC Data Tables](https://www.cmhc-schl.gc.ca/professionals/housing-markets-data-and-research/housing-data/data-tables)][[1]](#footnote-0)
   2. New Housing Price Index: [[NHPI: Canada](https://open.canada.ca/data/en/dataset/324befd1-893b-42e6-bece-6d30af3dd9f1)][[2]](#footnote-1)
   3. Housing Statistics: [[Stats Canada: Housing](https://www.statcan.gc.ca/en/subjects-start/housing)]
4. Predict life-expectancy of a country based on socio-economic metrics
   1. Health Nutrition and Population Statistics: [[World Bank Data](https://databank.worldbank.org/source/health-nutrition-and-population-statistics)]

1. Data Tables on Rental markets, housing markets, household characteristics, finance, securitization and core housing need. [↑](#footnote-ref-0)
2. New housing price index (NHPI). Monthly data are available from January 1981. The table presents data for the most recent reference period and the last four periods. [↑](#footnote-ref-1)