**Project 2**

**Title: Data Visualization Skills In Tourism**

The goal of this project is to collect data about popular skillsets required in data science-related job descriptions.

**Team:**

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**Dataset:**

Source: The World Bank

<https://tcdata360.worldbank.org/indicators/ST.INT.ARVL?country=BRA&indicator=1841&viz=line_chart&years=1995,2017>

**Visualizations:**

1. Leaflet.js/Mapbox choropleth world map of all countries depicting two layers:
   1. % of receipts (citizens of country) as a proportion of all international exports for 2017.
   2. % of expenditures (foreign visitors) as a proportion of all international imports for 2017.
2. A time-series line chart depicting aggregate number of tourism arrivals. Y-axis is total arrivals; X-axis is years. User can dynamically select which counties to display and also pick the timeframe.
3. Candlestick chart showing 15-year (2003-2017) tourism performance based on tourist arrivals. X-axis will have top-10 countries based on overall 2017 arrivals. Open = 2003 arrivals, Close = 2017 arrivals, High = highest year, Low = lowest year.
4. Flask application to display single webpage with map at the top, and two charts side-by-side below it. Assets will include Bootstrap page with a SQLite database.