Topics for research work and class projects:

This individual project will give you the chance to apply knowledge of the data science process and toolkit in the development of a data science application. The final report should be created by using R markdown with the aim of facilitating

* Exploratory data analysis (EDA)
* Implementation of regression model (linear, cross-country regressions, panel data)
* Implementation of binary choice models
* Implementation of count data models

Your final project will be an analysis in which you analyze the variables and relationships within a data set. Your **final project** should look similar to this [**Example Project**](https://s3.amazonaws.com/content.udacity-data.com/courses/ud651/diamondsExample_2016-05.html). It should follow the same structure with an **Analysis** section, a **Final Plots** section, and a **Reflection** section. A template for you to use with these sections already included. Take at least 10 minutes to review the example project to get a sense of what you will need to do before starting your project.

**Some examples**

These projects go above and beyond the course material, and we hope they serve as inspiration to work with data that interests you and to ask interesting questions.

[Climatology of Atlantic Hurricanes](https://s3.amazonaws.com/udacity-hosted-downloads/ud651/AtlanticHurricaneTracking.html) by Dean D. Churchill

[Geography of American Musicians](https://s3.amazonaws.com/udacity-hosted-downloads/ud651/GeographyOfAmericanMusic.html) by Stefan Zapf

Knowledge Economy by Antonio Rodriguez

Globalization and Mortality by Antonio Rodriguez