**Capstone Two: Project Ideas**

**Idea 1:** Predict energy consumption in Costa Rica, Chile, US and Canada to propose installation of a solar tech company in these countries. Data to consider is current and past energy consumption and prices in these countries, together with GDP, Investment, R&D, Consumption, population size and CO2 emissions. For the viability of the solar power harnessing capability, we’d need DNI (Direct Normal Irradiation) data for each country.

Data Sources Possibilities:

Energy consumption:

<https://www.kaggle.com/datasets/pralabhpoudel/world-energy-consumption>

Energy prices:

<https://www.nationmaster.com/nmx/ranking/energy-cpi>

GDP data:

<https://databank.worldbank.org/reports.aspx?source=2&series=NY.GDP.MKTP.CD&country=>

DNI data:

<https://datacatalog.worldbank.org/search/dataset/0038639>

**Idea 2:** Forecast life expectances by country. Consider: Life expectances, GDP per capita, population.

Data source Possibilities:

<https://www.kaggle.com/datasets/luxoloshilofunde/life-expectancy-vs-gdp-19502018>

<https://databank.worldbank.org/reports.aspx?source=2&series=NY.GDP.MKTP.CD&country=>

**Idea 3:** Forecast NBA basketball player’s salary based on the minutes they play and points scored.

Data source Possibilities, Salary:

<https://www.kaggle.com/datasets/koki25ando/salary>

<https://data.world/datadavis/nba-salaries>

<https://www.kaggle.com/datasets/whitefero/nba-player-salary-19902017>

Data source Possibilities, Minutes played:

<https://www.narcis.nl/dataset/RecordID/oai%3Aeasy.dans.knaw.nl%3Aeasy-dataset%3A195289>