Capstone Three: Project Ideas and Proposal:

● A short description of each of the three ideas as a single Google doc has been submitted.

1. **World Food production:**
    This Kaggle data source shows:
   This dataset contains data of total production of different types of foods per year in each country from 1961-2023 of all countries.

   Build predictive models to forecast food production for specific crops or countries.
   Explore time series forecasting techniques to predict future production.

   https://www.kaggle.com/datasets/rafsunahmad/world-food-production

2. **Japanese Universities:**
   Comprehensive Japanese University data since **1872**. Contains **813 university** information collected from the Japan Ministry of Education and two other online sources.

   Could use the set to build a classification model to predict university characteristics based on available features.

   https://www.kaggle.com/datasets/webdevbadger/japanese-universities

3. **Healthcare Insurance Expenses**

   Understanding the Financial Aspects of Medical Coverage

   Build a predictive model to estimate healthcare insurance costs based on age, gender, BMI, number of children, smoking status, and region

   https://www.kaggle.com/datasets/arunjangir245/healthcare-insurance-expenses

4. **Disease Symptoms and Patient Profile Dataset - Health indicator model**

   Reveals intricate relationship between patients and diseases over 100 diseases

Investigate the correlations between blood pressure, cholesterol levels, and the presence of symptoms.

Understand how health indicators contribute to specific medical conditions.

https://www.kaggle.com/datasets/uom190346a/disease-symptoms-and-patient-profile-dataset

5.