**Project Overview:** For this individual machine learning project, you will tackle a problem using machine learning techniques while integrating other relevant technologies we've covered. You'll select a problem to solve, analyze, or visualize and apply machine learning with associated technologies to achieve your goal.

**Project Requirements:**

1. Identify a problem that is suitable for solving, analyzing, or visualizing using machine learning (preferably, use the movies.db database).
2. Utilize machine learning techniques along with technologies covered in the course.
3. Incorporate Scikit-learn and/or another machine learning library.
4. Choose a dataset with a minimum of 100 records.
5. Utilize at least two of the following technologies:
   * Python Pandas
   * Python Matplotlib
   * HTML/CSS/Bootstrap
   * JavaScript Plotly
   * JavaScript Leaflet
   * SQL Database
   * MongoDB Database
   * Google Cloud SQL
   * Amazon AWS
   * Tableau

**Project Examples (if you don’t use movies.db):**

1. **Credit Score Prediction:** Create an algorithm to analyze credit scores and predict consumer personal-loan eligibility using a dataset of financial records.
2. **Health Risk Prediction:** Develop a machine learning model to recognize disease symptoms and predict patient health risks using a healthcare dataset.
3. **Anomaly Detection:** Train an image classifier to detect anomalies in medical images, such as identifying suspicious areas of skin using a dermatology image dataset.

**Project Guidelines:**

1. Choose a problem from the provided examples or propose your own within a specific industry.
2. Select appropriate features and target variables from the dataset for machine learning.
3. Build, train, and evaluate the machine learning model(s) using Scikit-learn or another library.
4. Utilize relevant data visualization technologies to enhance the project

**Grading Rubric:**

1. **Problem and Data Selection (20 points):**
   * Clearly identify and explain the problem you're addressing.
   * Choose a dataset with a minimum of 100 records that is relevant to the problem.
2. **Machine Learning Implementation (40 points):**
   * Implement machine learning techniques using Scikit-learn or another library.
   * Successfully train and evaluate the machine learning model(s).
3. **Technologies Integration (40 points):**
   * Effectively integrate at least two of the specified technologies into the project.Top of Form
   * Showcase your analysis using at least 3-4 visualisations