**Project Title:**

**Project Team:**

* Dhileepan Raju
* Jessica Meyer
* Mary Uhlir
* Sue Christensen

**Team Member Roles**

* Square: Responsible for Github repository
* Triangle: Responsible for mockup/machine learning model
* Circle: Responsible for mockup/database
* X: Responsible for which technologies/strategy for life of project

**Project Objectives:**

* **First Segment:** Sketch It Out: Decide on your overall project, select your question, and build a simple model. You'll connect the model to a fabricated database, using comma-separated values (CSV) or JavaScript Object Notation (JSON) files, to prototype your idea.
* **Second Segment:** Build the Pieces: Train your model and build out the database you'll use for your final presentation.
* **Third Segment:** Plug It In: Connect your final database to your model, continue to train your model, and create your dashboard and presentation.
* **Fourth Segment:** Put It All Together: Put the final touches on your model, database, and dashboard. Lastly, create and deliver your final presentation to your class.

**First Segment: Sketch It Out:**

Topic:

Reason for selected topic:

Description of source data:

Questions we hope to answer with the data:

**First Segment Requirements:**

1. Presentation - Content Team members have drafted their project, including the following:

* Selected topic
* Reason why they selected their topic
* Description of their source of data
* Questions they hope to answer with the data

Note: The content does not yet need to be in the form of a presentation; text in the README.md works as well.

1. GitHub

* Main Branch
  + Includes a README.md
* README.md
  + README.md must include Description of the communication protocols
* Individual Branches
  + At least one branch for each team member
  + Each team member has at least four commits from the duration of the first segment

Note: The descriptions and explanations required in all other project deliverables should also be in your README.md as part of your outline, unless otherwise noted.

1. Machine Learning - Team members present a provisional machine learning model that stands in for the final machine learning model and accomplishes the following:

* Takes in data in from the provisional database
* Outputs label(s) for input data

1. Database - Team members present a provisional database that stands in for the final database and accomplishes the following:

* Sample data that mimics the expected final database structure or schema
* Draft machine learning module is connected to the provisional database

1. Dashboard

* N/A