**Project ideas:**

1. Analyze technology/security articles to identify emerging risks and how to address them.
   1. Possible dataset:
      1. <https://webhose.io/datasets>
2. Explore historical data breach and organization information to gain an understanding of how breaches occur and the likely attack types in order to predict how likely an organization is to have a breach, what the likely attack type would be, and how many records may be compromised.
   1. Possible datasets:
      1. <http://veriscommunity.net/vcdb.html>
      2. <https://www.privacyrights.org/data-breaches>
      3. Need a dataset for organizational information such as location, # of employees
3. Use 3rd party rating system data to predict a vendor’s rating based on its attributes (credit rating, years in operation, etc).
   1. Trouble finding dataset to accomplish this
4. Analyze the data and outcomes associated with historical FNA results to predict if a breast tumor is benign or malignant.
   1. Dataset: <https://www.kaggle.com/uciml/breast-cancer-wisconsin-data>
5. Explore shelter animal intake/outcome data to predict the likelihood of a positive outcome for a shelter animal.
   1. Possible dataset
      1. https://data.louisvilleky.gov/dataset/animal-service-intake-and-outcome