

**Data Mining, CSCI 347, Fall 2019
Projects**

	Topic	Dataset	Questions
Bausch, Kaleb	Cocktails, waves, Airbnb	All 3 on Kaggle	What are the best times of the day to go surfing at select beaches? Determine best location to start an Airbnb. How to create an average cocktail.
Boles, Hunter	Increasing enrollment or Boston crime	CS Department data or Boston crime data	What can the CS department do to increase enrollment? When students are entering/exiting the CS programs. Identify trends in student behavior to increase enrollment. Maybe success of interventions.
Caron, Dalton	Something with images, maybe astronomy,	Could use virtual astronomical observatory to construct a good dataset.	Predict terrorism worldwide. Predict pulsar stars or classify clusters of stars.
Dolence, Xaavan	Anime image classification	Danbooru Tagged Anime Illustration Dataset	Determine S/Q/E classification
Fiechtner, Carson	If NFL player will retire		Predict when an NFL player will retire.
Lawler, Keelie	World Cup	Kaggle – men’s world cup (3 files – matches, players and World Cups	Are there certain factors that will influence a win? Is home field advantage really an advantage?
Marinovich, Amanda	Gender and gender and labor	Data.world Gender classifiers. Social and economic data from different countries.	Is the gender binary defined differently across cultures? Is women’s unpaid work valued differently across cultures?
Joseph Weeks	Household or electric car energy use to help infrastructure predictions	IEEE site	How much energy consumed by different households to predict what infrastructure will be needed in developing areas. How much energy an electric vehicle uses.