Carson Wallace  
Intelligent Systems  
Vladimir Kulyukin  
November 13, 2023

For my project I plan on training a neural network using this dataset on Kaggle:

* <https://www.kaggle.com/competitions/titanic/>

The purpose of this dataset is to determine whether someone on the Titanic disaster survived based on these inputs:

* Ticket Class
* Sex
* Age
* # Of family aboard
* Ticket Number
* Passenger fare
* Cabin number
* Port of embarkation

The resource that I intend on using for this project is [Anaconda](https://www.anaconda.com/download/) which comes preinstalled with many libraries that are helpful for AI work.

Deliverables:

* Persisted model(s) to predict survivability
* Kaggle score screenshot for each model
* URL to Github repo containing source code & models

Schedule:

Due to other classes, I will probably work on this assignment as soon as I get an assignment for another class done this week (11/13) as well as heavily during thanksgiving break. If it’s not done by then, I’ll (unhappily) work on it during the weekends.

Risks:

I have a large project in another class that will more than likely take up a large chunk of my time after thanksgiving.