

## Dissertation Schedule and Tasks

Type

Task

ID

42

Subject

Create Initial Work Plan for Infrastructure as Code

Status

New

Assignee

Bruce Goldfeder

Priority

High

Description

This is the task for creating the initial plan for setting up my Data Science environment where I can begin experiment

Type

Task

ID

43

Subject

Exercise Dissertation Neural Net Infrastructure with a RAD based language leveraging a pre-trained BERT Neural N

Status

New

Assignee

Bruce Goldfeder

Priority

Dissertation Schedule and Tasks

Normal

Description

Type

Task

ID

44

Subject

Create and provide all of the specifications for a repeatable and automated capability to recreate initial RAD based lan

Status

New

Assignee

Bruce Goldfeder

Priority

Normal

Description

Type

Epic

ID

45

Subject

Learn in Depth Transformer Neural Net Architecture

Status

New

## Dissertation Schedule and Tasks

Assignee

Bruce Goldfeder

Priority

Normal

Description

This task is to master the Transformer based neural net architecture. Initial investigation will be to leverage BERT as

Type

Epic

ID

46

Subject

Learn in Depth PyTorch high level language supporting neural net model development

Status

New

Assignee

Bruce Goldfeder

Priority

Normal

Description

The PyTorch python library for the generation of neural nets will serve as my initial higher level library for the creation

Type

Epic

ID

47

Subject

## Dissertation Schedule and Tasks

Create experimental set of data for Cyber Bullying detection

Status

New

Assignee

Bruce Goldfeder

Priority

Normal

Description

The data set for my experiments within my dissertation will be chosen from prior work done in the field. I will put together

Type

Milestone

ID

48

Subject

Complete Infrastructure Setup, Experimental Design, and Foundational Understanding of Transformer Neural Net De

Status

New

Assignee

Bruce Goldfeder

Priority

Normal

Description

The \*\*Infrastructure Milestone\*\* represents the capstone of this semesters research. The primary goals of the Fall 20