Thinkful: Career planning document

This document will collect and organize your work in the career planning lesson of the prep course. Complete each section after reviewing the relevant assignment in the course material.

## Section 1: Explore the landscape

*Write your one to three paragraph reflection for assignment 4.1.1 here.*

According to the Data Scientist Quiz, I am a “Data Creative” with top skills in Programming. Having come from a programming background, I semi-expected this result. My strengths lie in using current data and my creative instincts to extend the functionality of programming and data. This is useful when projecting areas of interest were a company may consider expanding their presence and influence into. This is further backed up with the Data Scientist Radar, which classifies me as a Visualiser, which enjoy exploring the underlying data within a given situation, developing graphical representations of the information learned, and helping to direct the business direction.

## Section 2: Job postings

*Find five job postings you're very interested in and post them here. Focus on one city. Don't just post the links; job postings have a way of disappearing after a while.*

### Job 1

* + Company name: CyberCoders
  + Title: Data Scientist
  + Why did you choose this job? They deal directly with AI and Drones, which are fields I want to work in
  + Link: https://www.indeed.com/viewjob?jk=9c4c15f8a173ab91&q=Data+Scientist&l=Orem%2C+UT&tk=1cq9jehjub052800&from=web&advn=8690912762161442&sjdu=Q9sRjvVN04RJ1S2r28OpVsqoN8kMd8bO1poiQFI09VhgJoVgAcQBuhdYQ39i9BbhEbBUjfUSY4PlQ\_1mXRfZtX6aFYYAM4k2OxO5\_7RfI-hJwooYkxvRVjXe2-otNCNBX-uYoWjTLhkykOOLIB40-Scbs8Mr1epMrfjVMGR8bhczsjdecMSNDvX0VJHgs4FTBkVk7w9AjU7-Saua7bBrv41PoPvobHH2P4zadVwepwQqb9itOAyTuKxa7hcTuVX-1b3TBgVu9-9Pses7ABUteg&acatk=1cq9jev8pbl10800&pub=4a1b367933fd867b19b072952f68dceb&vjs=3

### Job 2

* + Company name: Loveland Innovations
  + Title: Data Scientist
  + Why did you choose this job? Once again, this job revolves around AI, classification, and damage detection. I want to specialize in machine learning.
  + Link: https://www.indeed.com/viewjob?jk=2351cdff38839605&q=Data+Scientist&l=Orem%2C+UT&tk=1cq9jehjub052800&from=web&vjs=3

### Job 3

* + Company name: ZEFR
  + Title: Senior Machine Learning Engineer
  + Why did you choose this job? This job is a little more software development focused, with additional machine learning responsibilities. I enjoy coding, and this would be a fun blending of the two.
  + Link: https://www.indeed.com/viewjob?jk=c8f5246b45bb3c62&q=machine+learning&l=Utah+County%2C+UT&tk=1cq9kmochb052803&from=web&vjs=3

### Job 4

* + Company name: Branded Entertainment Network
  + Title: AI Engineer
  + Why did you choose this job? This job would further my knowledge and experience applying ML.
  + Link: https://www.indeed.com/viewjob?jk=c3ef646890fe680a&tk=1cq9ls19qb052802&from=serp&vjs=3

### Job 5

* + Company name: Workfront
  + Title: Principal Machine Learning Engineer
  + Why did you choose this job? This job would further my knowledge and experience with applying machine learning.
  + Link: https://www.indeed.com/viewjob?jk=c83078e547bee33f&q=machine+learning&l=Utah+County%2C+UT&tk=1cq9ls19qb052802&from=web&vjs=3

## Section 3: Your company hitlist

*Find five dream companies (whether or not they're hiring data scientists right now) and add them to this hit list. Focus on the same city you did for job postings. Include a sentence about why you added each company.*

### Company 1

* + Company name: Department of Defense
  + Why did you choose this company? The DoD is involved in many different fields of science, so I would be able to use my knowledge to expand the research of many different applications.

### Company 2

* + Company name: Defense Intelligence Agency
  + Why did you choose this company? I believe there are many ways to protect our nation using machine learning, including troop deployments and discovering areas and targets of concern.

### Company 3

* + Company name: CERN
  + Why did you choose this company? CERN is at the forefront of developing science, and working here would allow me to pioneer science.

### Company 4

* + Company name: Google
  + Why did you choose this company? Google is continually expanding their use cases and improving the quality of life of modern society.

### Company 5

* + Company name: DeepMind
  + Why did you choose this company? DeepMind is directly using AI and machine learning to tackle real-world challenges, from climate change to improved healthcare.

## Section 4: Find your people

*Add the data science related events in your area and find LinkedIn profiles for local data scientists working at the kind of job you want.*

### Local data science events:

* https://www.meetup.com/Salt-Lake-City-Data-Science/events/254015715/
* https://www.meetup.com/aittg-slc/events/255349956/
* https://www.meetup.com/BigDataUtah/events/tdhgbqyxnbhc/

### Local data scientist from a company on your hit list:

* David Rhodes (Data Scientist at Department of Defense)

### First or second degree connection in the industry:

## Section 5: Write your own story

*Make the work you've done so far concrete.*

### Describe your ideal job to an industry professional

Using intelligence gathering techniques and intelligence gathered by field agents and military personnel, I would apply machine learning and agent-based modeling to predict the potential threats to our national defense and improved troop deployments to solving international crisis.

### Describe the same job to a non-technical family member

Using information gathered by other professionals, I would determine if deploying troops to a given area would cause hostile action against the troops, how to disrupt terrorist networks, and provide better national defense.

### Draft your aspirational professional summary

My job would be to construct and maintain predictive analysis and agent-based models to target key strategies to disrupt global terrorist networks, and prevent hostile action against and possible deaths of military personnel. Working within the intelligence gather community, we would be able to present military commanders and government officials with additional resources and information for their strategy development. As society is ever changing, my job would be to continually improve and construct such models that would allow for the ever changing structure.