

Project Proposal – Week 3

Vision statement: how will this project expand your professional skills and knowledge?

I am currently between jobs, so this project is focused on upskilling to make myself a better candidate for business analyst and data analyst positions. I created a learning plan on LinkedIn Learning focused on becoming a data analyst. The main topics are business intelligence, R, data analysis, tableau, statistics, predictive analytics, data visualization, and data-driven decision making, each topic has 3 videos on the topic. The R programming language section has the student downloading R/R studio and working with a data set. I will also watch various job searching and interviewing videos on the LinkedIn Learning platform to apply the tips and practice towards my job search.

Motivation: why is this project important to you?

Learning R and growing my skills as a data or business analyst are topics that I want to grow in and will be useful in my current job hunt.

Specific and measurable goals (learning objectives) for the project. Remember that a total of 45 hours will be dedicated to the course and project over the 16 week (or 12 week summer) semester. You want to limit the scope of your project based on that time limitation.

There are 19 courses in the LinkedIn Learning path I created with a total of 34 hours of video. I will also add one video each week on topics like job searching, technical interview tips, etc. If I receive a job offer in the next month, I will pause the job search and interviewing videos and just proceed with the data analyst learning pathway.

Risks to project completion, possibly including:

The risks to project completion include learning R as it's a new language for me. Whatever software is used to execute the new language will most likely be new as well, possibly causing some additional challenges. I will revise the learning path if needed.

The other risk to completion is the high number of hours of video currently assigned in the learning path generated by LinkedIn. I already removed a couple videos to reduce the number of hours needed to complete the project and will make further reductions to the number of videos/hours if needed.

Mitigation Strategy for the risks listed above

I will seek out other resources if I experience any issues learning R. I will also utilize the piazza platform to ask Professor Knox and fellow students if they have any suggestions or tips.

I will remove further videos from the LinkedIn Learning path if timing looks like it might be an issue in the coming weeks.

Project Assessments - provide a list of evaluation criteria for the project.

- All LinkedIn Learning videos in the data analyst path watched
- All corresponding section quizzes completed and answered correctly
 - The first video I watched included a couple rounds of questions so these questions will provide a good metric to gauge my understanding and progress.
- Completed the R project featured in the R video section.
 - I will post the code written for the project and the final project on the GitHub repository that I created for this class.

Describe how you will know that your project is completed and that you have met your goals.

I will have completed the items in the project assessments section. I will have successfully watched all the learning path videos and answered the corresponding questions/chapter reviews.

I will watch a video a week, or 10 total videos, on topics like using LinkedIn to complete a job search, technical interviewing, etc. I will have also correctly answered the questions in the course/chapter reviews for these videos.

I will have completed my R project exercise, posted the code written, and posted the project results.

Project portfolio link:

<https://github.com/DLeenheer/Professional-Development>

This repository will eventually contain all material related to my project, such as:

- copy of my proposal
- code created
- data collected
- weekly project updates

- final project report