

Capstone Proposal Review Guidelines

Business Understanding

Clear understanding of the problem and how it will be solved

Easy to see how the problem impacts the organization

Is the project possible within the 1 week scope?

The motivation for the project is described. (Saying you needed to do a capstone project for flatiron is not an appropriate motivation)

Data Understanding

What data will you collect?

Where is the data?

Is there a plan for how to get the data?

How will you store it?

Are the features that will be used described clearly?

Data Preparation

In what form is the data stored?

What kind of preprocessing steps do you foresee?

How much data are you expecting to collect?

Modeling

What modeling techniques are most appropriate for your problem?

Is it a supervised or unsupervised?

If supervised, is it a regression or classification?

Evaluation

What metrics will you use to determine success?

What are the reach goals of the project?

Deployment

Is the method for reporting final results described?

Is there a plan for deployment? (web app)

What is the functionality?

Danger Areas

Causal inference on observational data

Blind faith in neural networks

Data is not available

Need labels