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# **Major Changes**

I have been working on a new project.

# What I have accomplished so far

I have cleaned up a dataset on SAH, built an initial model on prediction of DCI based on other life vitals (which does not give satisfying results). I am doing further literature review on how to build a model, with concerns some medical details. I am working with a researcher from Auton Lab to perform frequency decomposition on some waveform data which can also be used in the model, to predict intracranial hypertension or delayed cerebral ischemia.

# **Meeting my milestone**

I have met my milestone of building a basic model with the SAH data.

### **Surprises**

The major surprise of this model is the amount of medical details related, rather than the complexity of the model itself.

# **Looking Ahead**

I plan to finish the majority of the project next week. I will plan my summer research schedule with Professor Dubrawski early next week.

# **Revisions to my milestones**

There is no revision to my milestones.

#### Resources needed

I have all the resource that I need.