**Capstone Project Proposal**

1. **What is the problem you want to solve?**

In order to reduce attrition rate, we would be trying to predict employees who are going to resign in the future. A lot of cost is involved in hiring a new resource and if we are able to predict the employees who are going to resign then we can take preventive measures.

1. **Who is your client and why do they care about this problem? In other words, what will your client DO or DECIDE based on your analysis that they wouldn’t have otherwise?**

* The client can approach the employees who are planning to resign and take preventive measures which might help them to keep the employee with the organization.
* Workforce planning can be done in a better way. If they know that a certain person is going to resign, then they can start looking for new resource at appropriate time.

1. **What data are you going to use for this? How will you acquire this data?**

A sample source has been created for this project.

1. **In brief, outline your approach to solving this problem (knowing that this might change later).**

* Getting past data of employees who had resigned earlier
* Finding a trend within that data
* Mixing the current data and comparing with the trends of the past data.