**Weekly Status Report**

Your name:

Use this form to complete your weekly status report. The weekly status report can cover any of the content assigned for the week (Readings, Discussion, Exercises, Course Project, etc.)

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| Question | Comments |
| Tasks accomplished this week | This week developed Regression model which was challenging. I took help of some forum to develop it. |
| Problems/Issues encountered during weekly assignments | Got lots of syntax error but able to resolve myself. |
| Possible ideas for solving issues or plan to mitigate |  |
| Work plan for next week | * Phase I: This consists of conducting an exploratory data analysis (EDA) on the NBA dataset. Our dataset contains 52 different variables that could contribute to our predictive model. We realize this is simply too many, so we have developed a process by which we will select the variables of interest. The first step was to look at the summary statistics for each of the variables. The goal of this task was to see if any variables contained missing values, values that were possible outliers, or incorrect values.   The next phase of our EDA was to look at the histograms for each variable. According to our text, *“Applied Predictive Analytics”*[6], many predictive algorithms assume the model variables follow a normal distribution. There are inherent advantages to using normally distributed variables, so our approach will focus on columns that closely follow this distribution. Additionally, we will use the histograms to help determine if any variable has outlier values. |
| Questions/Comments/Etc. |  |