ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	COMPLETE MACHINE LEARNING WITH R STUDIO	DATE:	12/6/2020

SCREENSHOT:

BRIEF REPORT: (POINT-WISE)

1). In order to evaluate the performance of a statistical learning method, we need to measure how well its predictions actually match the observed data. Today we will look into differnt measures which help us in assessing the model accuracy: Mean Squared Error. Variance/bias.

2). The F-statistic is the test statistic for F-tests. In general, an F-statistic is a ratio of two quantities that are expected to be roughly equal under the null hypothesis, which produces an F-statistic of approximately 1. The F-statistic incorporates both measures of variability discussed above.

3). The sign of a regression coefficient tells you whether there is a positive or negative correlation between each independent variable the dependent variable. A positive coefficient indicates that as the value of the independent variable increases, the mean of the dependent variable also tends to increase.