**DAILY ASSESSMENT FORMAT**

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| **Date:** | **27-07-2020** | **Name:** | **Bhavith** |
| **Course:** | **Coursera** | **USN:** | **4AL17EC009** |
| **Topic:** | **Correlation** | **Semester & Section:** | **6th,A** |
| **Github Repository:** | **Bhavith-Online-Courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **Screenshot (211)** |
| **Report – Report can be typed or hand written for up to two pages.** **Correlation**  * **The first two videos in this module discuss the concept of **correlation**. In the first video, we'll talk about how we can display the correlation between two variables using tables and graphs.** * **First we'll look at categorical variables and discuss **contingency tables**.** * **In a next step we look at how we can best display the relationship between two quantitative variables. Here we'll introduce the **scatterplot**.** * **In the second video we'll discuss the **Pearson's r** - one of the most frequently used measures of correlation.** * **It is an appropriate measure if the variables under analysis are measured on a quantitative level and if they are linearly related to each other.** * **The Pearson's r expresses the direction and strength of the correlation.** |