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| Name Of The Student | Kanak Sahu |
| Internship Project Topic | **“RIO-125: Forecasting System - Project Demand of Products at a Retail Outlet Based on Historical Data.”** |
| Name of the Organization | TCS iON |
| Name of the Industry Mentor | Himalaya Ashish |
| Name of the Institute | Symbiosis University of Applied Sciences |

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| Date | Day # | Hours Spent |
| 21/03/21 | Sunday(Day-18) | 4 |
| Activities done during the day:  **Here is the screenshot of how I predicted sales forecasting using mean squared error and root mean square error.**  In statistics, Mean squared error of an estimator measures the average of the squares of the errors — that is, the average squared difference between the estimated values and what is estimated. The MSE is a measure of the quality of an estimator — it is always non-negative, and the smaller the MSE, the closer we are to finding the line of best fit.  Root mean squared error tells us that our model was able to forecast the average daily furniture sales in the test set within 151.64 of the real sales. Our furniture daily sales range from around 400 to over 1200. In my opinion, this is a pretty good model so far. | | |