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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 |
| 27/03/21 | Saturday(Day-24) | 4 |
| Activities done during the day:  Today I did time series forecasting with ARIMA.  We are going to apply one of the most commonly used method for time-series forecasting, known as ARIMA, which stands for Autoregressive Integrated Moving Average.  ARIMA models are denoted with the notation ARIMA(p, d, q). These three parameters account for seasonality, trend, and noise in data.  Here is the screenshot of it. | | |