INTERNSHIP: STUDENT DAILY REPORT

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| Name of the Student | Vivek kumar Shriwas |
| Internship Project Topic | TCS iON 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 | Sreekathiayini Ruthraiyah |
| Name of the Institute | Viswakarma University |

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| Date | Day | Hours Spent |
| 18/07/2023 | Day 1 | 3 hours and 30 minutes |
| Description:  **Self-learning Duration : 3 hours**  **Activity Report Duration : 30 minutes**  **Activities:**   1. **Researching Python Programming (2 hours):**    * Explored various online tutorials to recap Python programming fundamentals.    * Learned about different libraries for data preprocessing, analysis, and plotting.    * Developed an understanding of the basics of different algorithms in Python.    * Reviewed various aspects of Python programming. 2. **Reading "Forecasting: Principles and Practice" (1 hour):**    * Read chapters 3 and 4 of the book by Rob J Hyndman and George Athanasopoulos.    * Focused on understanding basic forecasting concepts and terminologies.    * Took notes on important points for future reference. 3. **Creating Activity Report (30 minutes):**    * Compiled today's activity report on the self-learning session.    * Organized the report into sections for a clear overview.   **Challenges:** Some confusion initially while grasping concepts like ARIMA, but gradually became clearer as I progressed. | | |