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| Name Of The Student | Lavannya Sandeep Rautal |
| 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 |
| Name of the Industry Mentor |  |
| Name of the Institute | Vishwakarma University |

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| Date:21/07/2023 | Day 5 | Hours Spent: 3 hours |
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| Activities done during the day:  Today, I delved into exploratory data analysis (EDA), uncovering valuable insights from the historical sales data. In the first hour, I created visualizations to understand the distribution and patterns within the data. These visualizations offered a glimpse into the data's characteristics.  The second hour was dedicated to identifying trends, seasonality, or patterns in the historical sales data. I observed how product sales fluctuated over time, and these observations will be crucial in guiding my modeling decisions.  In the third hour, I documented the key observations from the exploratory analysis. This documentation ensures that my insights are well-preserved and can be referenced as I move forward with the project.  Reflecting on Day 5, I am excited about the insights gained from the exploratory data analysis. These insights will not only influence the choice of forecasting model but also help me develop a deeper understanding of the underlying factors affecting product demand. | | |