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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: 9/08/2023 | Day 24 | Hours Spent: 3 hours |
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| Activities done during the day:  Day 24 continued the journey of making predictions and refining the Exponential Smoothing model. In the first hour, I maintained my focus on generating predictions for all products in the dataset. This comprehensive approach aimed to provide a holistic view of the model's forecasting capabilities.  The second hour was dedicated to a meticulous comparison of the model's predictions with the actual historical sales data. This analysis allowed me to identify areas where the model excelled and where adjustments were needed.  In the third hour, I continued to fine-tune predictions, with a special emphasis on products characterized by pronounced seasonality. The iterative process of adjusting parameters was aimed at optimizing the model's performance.  Day 24 demonstrated the project's progress in terms of predictions and model refinement. The model was actively forecasting demand for various products, and the comparison with historical data helped me gain insights into its accuracy and potential areas for improvement. | | |