

Sprint Plan Template

Week	Purpose	Weekly Tasks and Goals
<i>Week 6 – Dataset</i>	Dedicate time to finalizing the datasets in preparation for our analysis.	<ul style="list-style-type: none"> • Clean and preprocess the collected data, handling missing values, and standardizing formats. • Perform data transformations to extract meaningful features from the raw data.
<i>Week 7 – EDA</i>	Dedicate time to analyze data for relationships and correlations between variables.	<ul style="list-style-type: none"> • Conduct exploratory data analysis to gain insights into the restaurant dataset. • Analyze distributions, correlations, and patterns in the data to identify potential biases or anomalies.
<i>Week 8 – Modeling</i>	Dedicate time to model our data into different ML models.	<ul style="list-style-type: none"> • Evaluate the performance of the recommendation system using metrics like precision, recall, or mean average precision. • Split the data into training and testing sets to assess the model's ability to accurately predict preferences.
<i>Week 9 – Model Evaluate</i>	Dedicate time to evaluate and validate our model for predictive capabilities.	<ul style="list-style-type: none"> • Evaluate the performance of the recommendation system using appropriate metrics like precision, recall, or mean average precision. • Split the data into training and testing sets to assess the model's ability to accurately predict user preferences.
<i>Week 10 – Feature Importance Analysis</i>	Dedicate time to do a feature analysis.	<ul style="list-style-type: none"> • Select appropriate feature importance techniques based on the nature of the data and the problem at hand.
<i>Week 11 – Documentation, Reporting, Demo</i>	Dedicate time to prepare a report and demonstration video.	<ul style="list-style-type: none"> • Prepare a comprehensive report summarizing the problem, methodology, key findings, and insights. • Create visualizations, charts, or interactive dashboards to present the results effectively.