

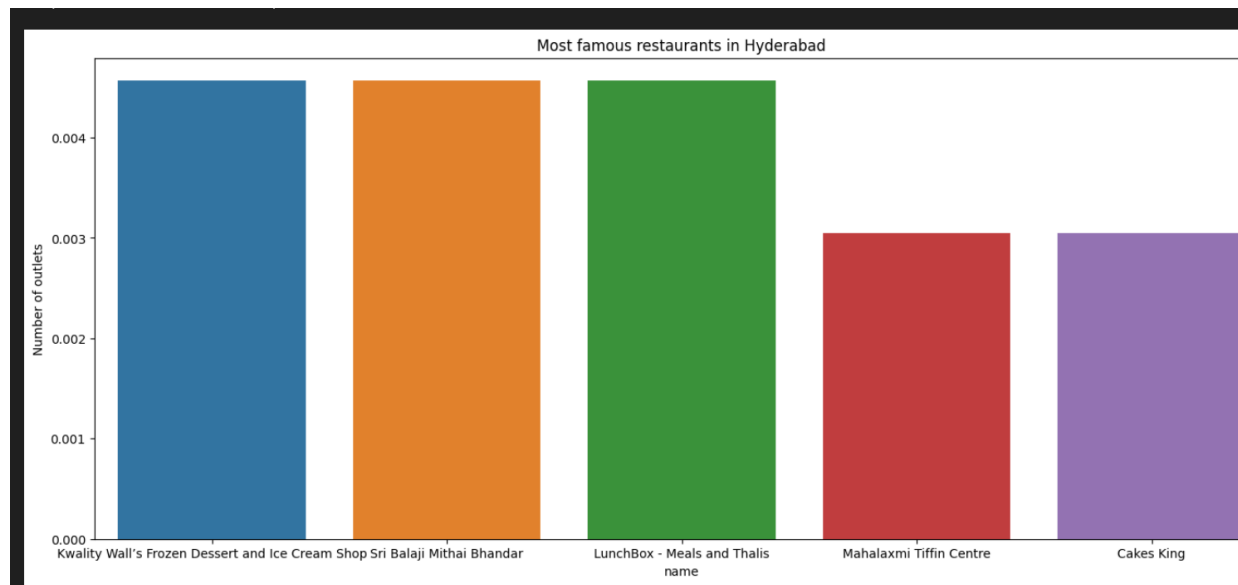
Data Collection and Preprocessing Phase

Date	9 JULY 2024
Team ID	739727
Project Title	Restaurant Recommendation System
Maximum Marks	6 Marks

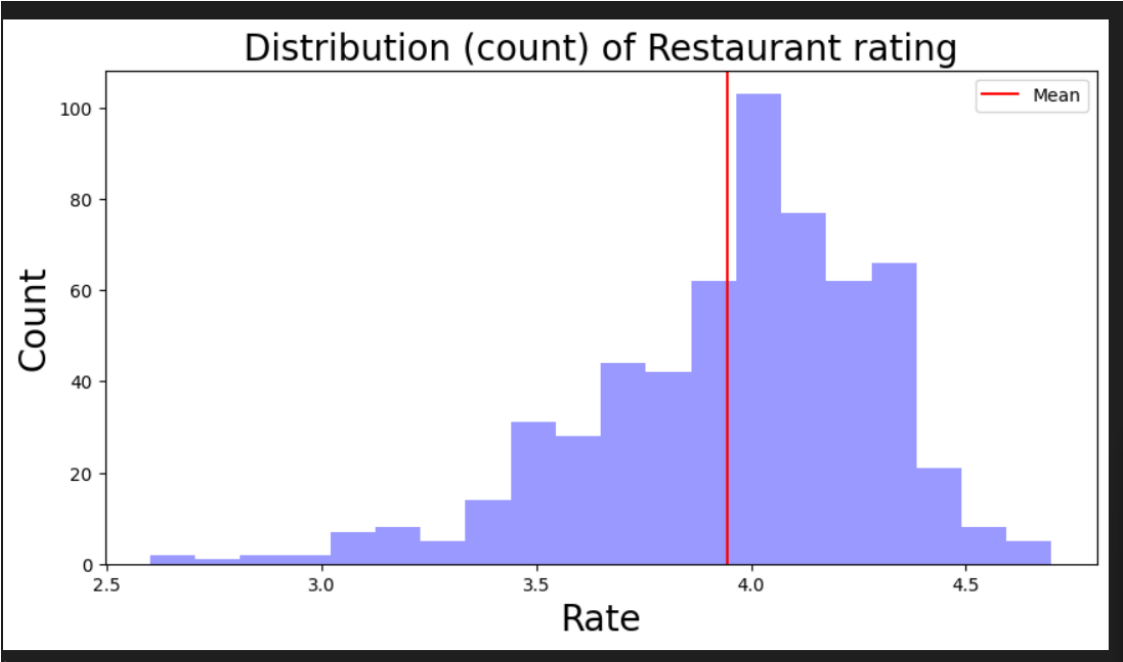
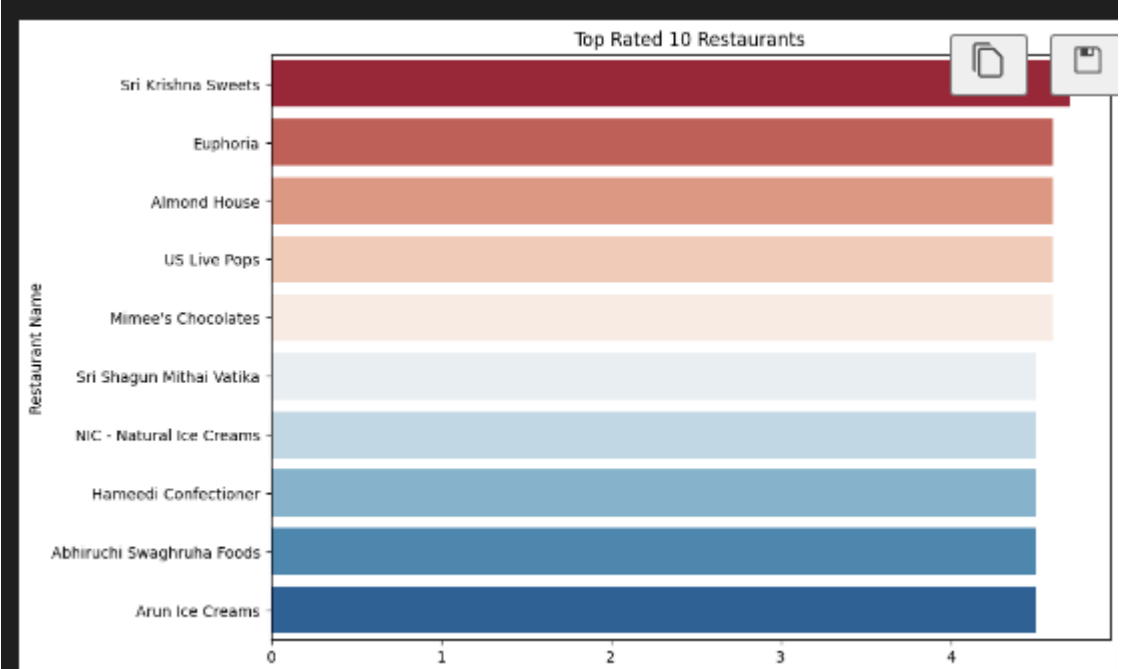
Data Exploration and Preprocessing Report

Dataset variables will be statistically analyzed to identify patterns and outliers, with Python employed for preprocessing tasks like normalization and feature engineering. Data cleaning will address missing values and outliers, ensuring quality for subsequent analysis and modeling, and forming a strong foundation for insights and predictions.

Visualization Analysis



Data Preprocessing Code Screenshots

<p>Disrtibution loaded Data</p>	 <p>Distribution (count) of Restaurant rating</p> <p>Count</p> <p>Rate</p> <p>Mean</p>
<p>Data Transformation</p>	 <p>Top Rated 10 Restaurants</p> <p>Restaurant Name</p> <p>Mean Rating</p> <p>Sri Krishna Sweets</p> <p>Euphoria</p> <p>Almond House</p> <p>US Live Pops</p> <p>Mimee's Chocolates</p> <p>Sri Shagun Mithai Vatika</p> <p>NIC - Natural Ice Creams</p> <p>Hameedi Confectioner</p> <p>Abhiruchi Swaghruha Foods</p> <p>Arun Ice Creams</p>
<p>Feature Engineering</p>	<p>Attached the codes in final submission.</p>