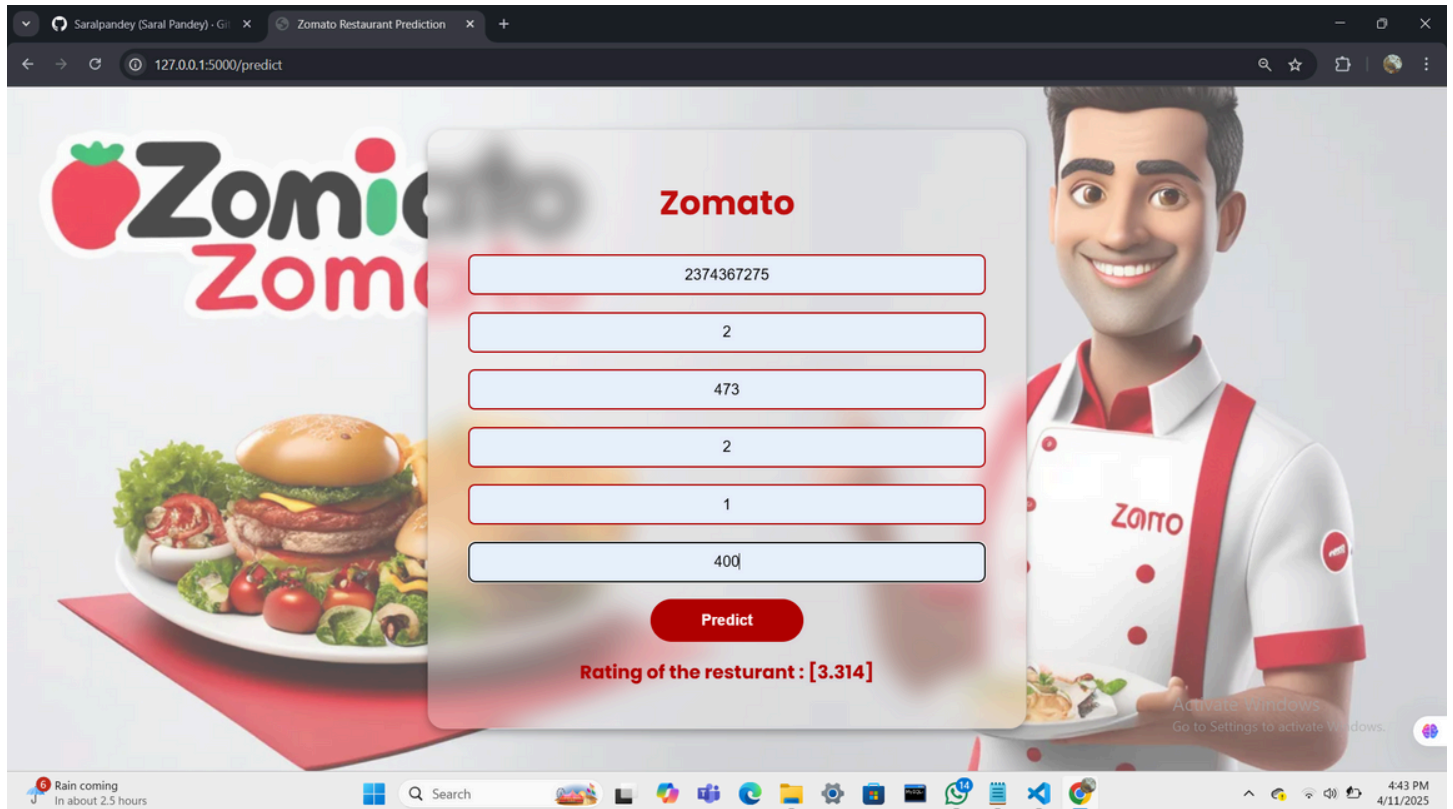


Zomato Restaurant Success Prediction Model

Empower restaurant owners and decision-makers with my Zomato Restaurant Success Prediction Model, an AI-powered tool that predicts the future performance of restaurants on the Zomato platform. By analyzing critical features like cost, ratings, and user engagement, the model provides actionable insights to determine if a restaurant is likely to thrive or face challenges.

✨ Features:

- **Restaurant Success Prediction: Analyzes:**
 - Restaurant ID
 - Average Cost for Two
 - Customer Ratings
 - Location Insights
 - Cuisine Type
 - Number of Votes
- **Future Viability Analysis:** Predicts whether the restaurant will continue to perform well on Zomato.
- **Actionable Insights:** Helps restaurant owners make data-driven improvements.
- **Interactive Reports:** Displays the prediction with a clear success or risk indication.
- **Scalable Solution:** Can be integrated with business analytics tools or Zomato's backend for real-time monitoring.



The screenshot displays a web application for Zomato Restaurant Success Prediction. The interface includes the Zomato logo, a burger image, and a chef character. A central form contains input fields for Restaurant ID (2374367275), Average Cost for Two (2), Customer Ratings (473), Location Insights (2), Cuisine Type (1), and Number of Votes (400). A 'Predict' button is at the bottom of the form, and the output shows 'Rating of the restaurant : [3.314]'.

Input Feature	Value
Restaurant ID	2374367275
Average Cost for Two	2
Customer Ratings	473
Location Insights	2
Cuisine Type	1
Number of Votes	400

Predict

Rating of the restaurant : [3.314]

Technologies Used:

- **Programming Language:** Python
- **Libraries:** Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn
- **Machine Learning Algorithms:** Logistic Regression, Random Forest, Gradient Boosting
- **Deployment:** Flask-based API, ready for integration with dashboards or mobile applications.

Impact:

This model not only helps Zomato optimize its restaurant listings but also enables restaurant owners to understand their market positioning and take strategic steps to improve performance.