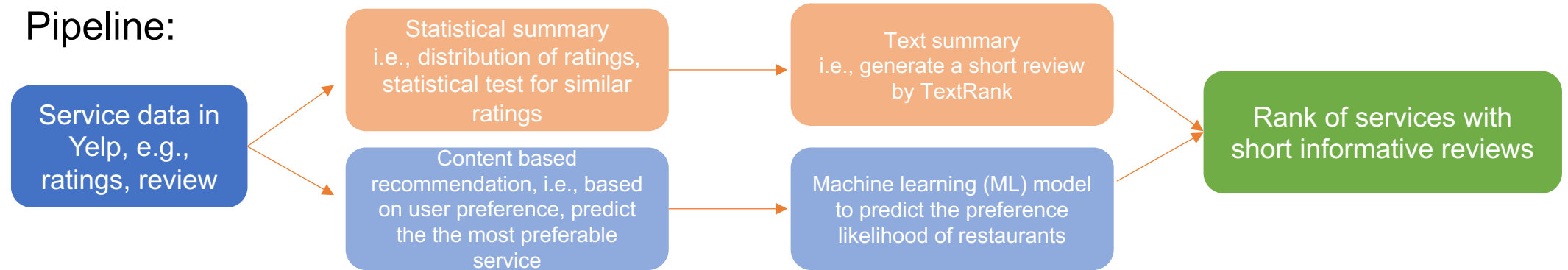


Goal: short quantitative summary and rank of restaurants in Yelp.

- Step1: statistical analysis on rating, distribution of reviews, and generate a review summary by TextRank.
 - Step2: apply content-based recommendation to rank restaurant for customers.

Pipeline:

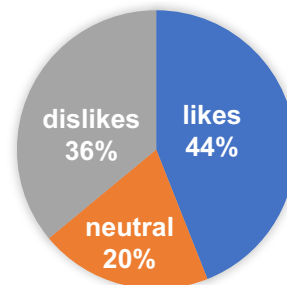


Example: (step 1)

Input:



Output:



Ratings: **3.06**

"The staff is very polite and from what I could see the dining area is very clean. We have always had great service and the food is always the best."

—summary of positive reviews by TextRank

"Will be a long time before I give them my business again!"

—summary of negative reviews by TextRank