



# **RECOMMENDATION SYSTEM**

**Project members:**  
**Keerthana Jayaprakash**  
**Sneha Bezawada**  
**Siddharth Kanojiya**

# MOTIVATION



Video-on-demand provider in North America and UK

- Matches 23 million customers with a huge inventory of movies according to their tastes
- 60 -70% of views result from the recommendations<sup>9</sup>



Gold standard of e-commerce. Pioneer in using recommendations

- Sits on a huge volume of collective information of its customers
- Customers can view what people with similar tastes viewed or purchased
- Customers can ask the recommendations engine to ignore selected purchases



Social and professional networking sites

- Sits on a huge volume of collective information of its customers
- Customers can view what people with similar tastes viewed or purchased
- Customers can ask the recommendations engine to ignore selected purchases



Music station. Offers music suggestions based on ratings

- Sits on a huge volume of collective information of its customers
- Customers can view what people with similar tastes viewed or purchased
- Customers can ask the recommendations engine to ignore selected subscriptions<sup>3</sup>

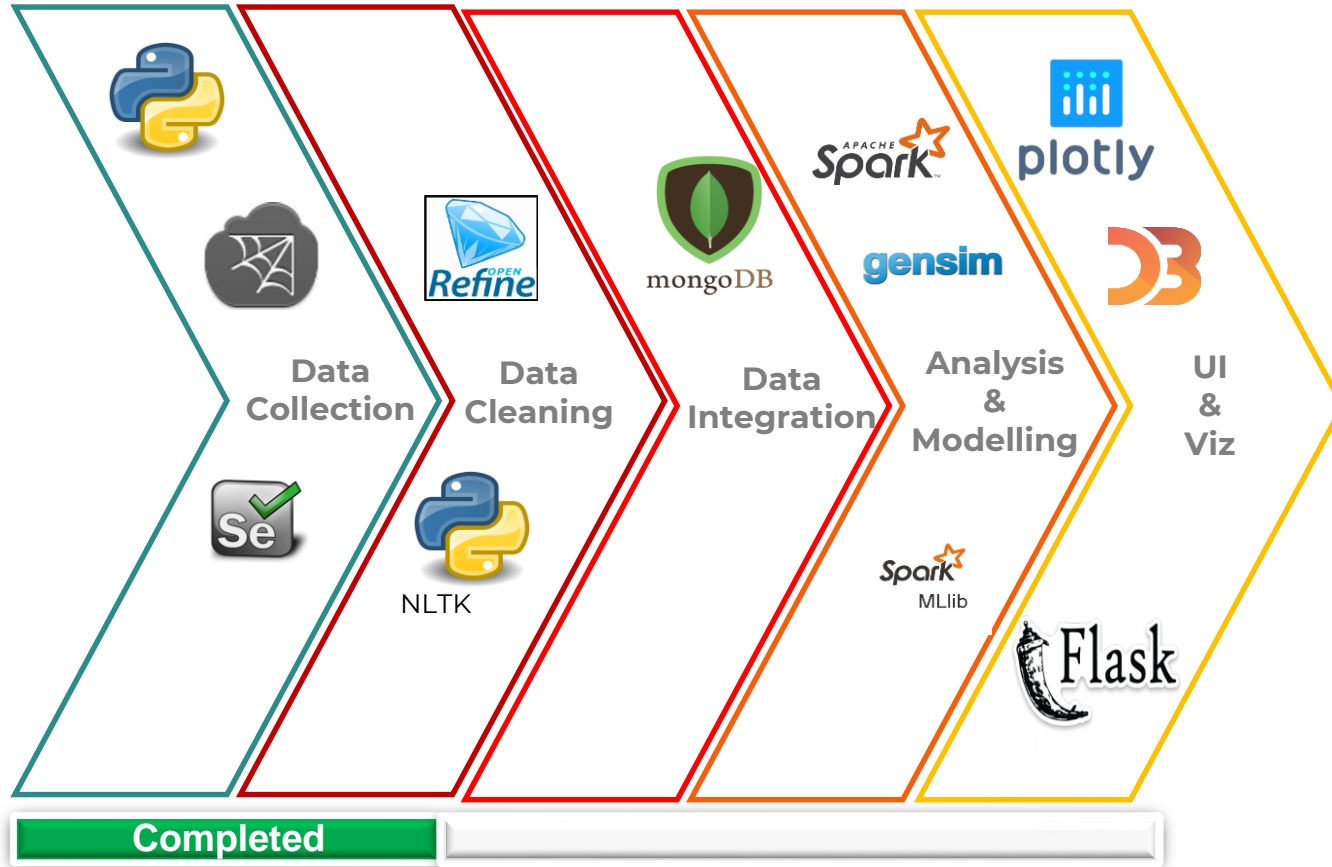
# Why is it important?



# Challenges

- Identifying user interest specific to each restaurant based on restaurant and review information.
- Recommendation to new users

# Data Pipeline - Progress



# Project Schedule

Display Week: 3

[illegible]

