

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

Amazon Customer Review Analyzer

The Capstone Experience

Team Amazon

Ian Whalen

Ankit Luthra

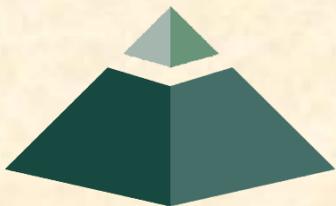
Tess Huelskamp

Jason Liu

Jie Wan

Department of Computer Science and Engineering
Michigan State University

Spring 2017



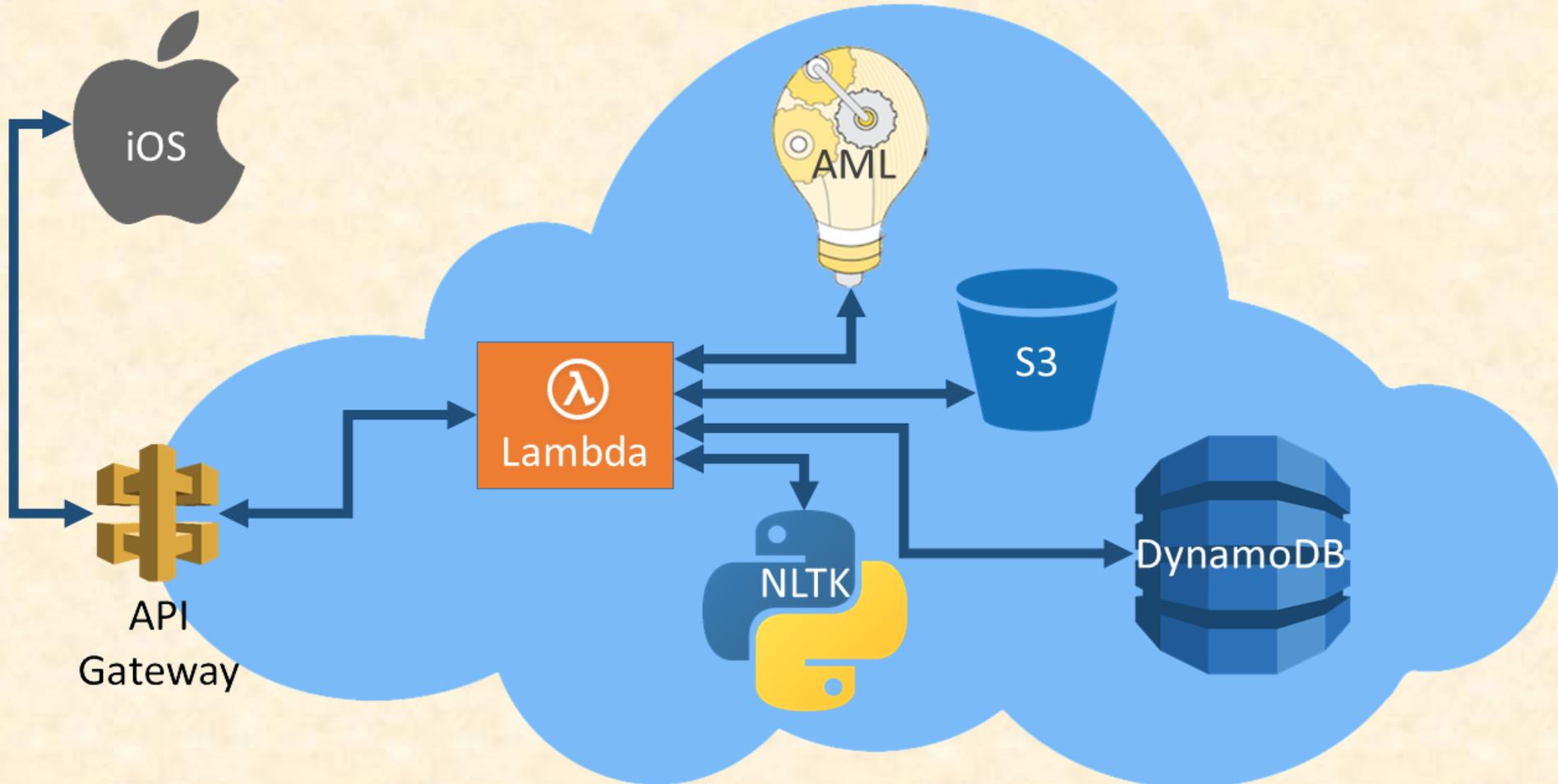
*From Students...
...to Professionals*

Project Overview

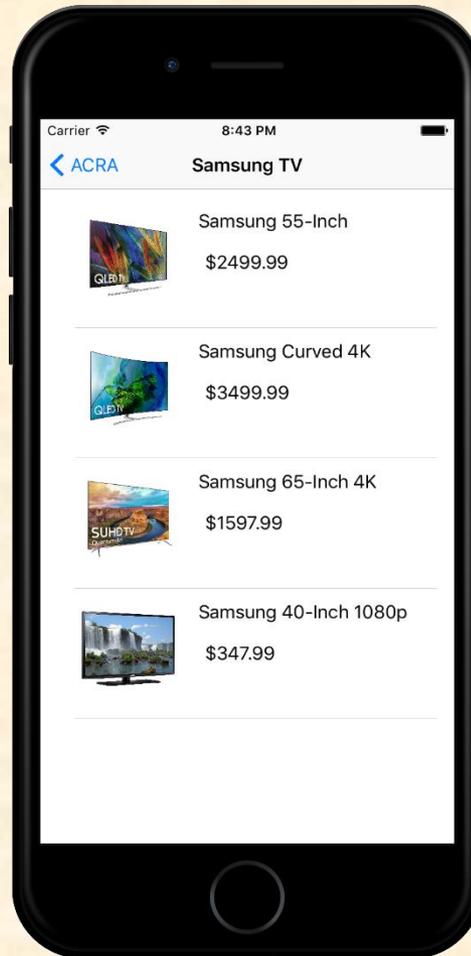
- Improve the Amazon Retail Experience
- Automatically Classify Reviews into Categories
- Enable More Informed Purchase Decisions
- Filter Out Irrelevant Reviews



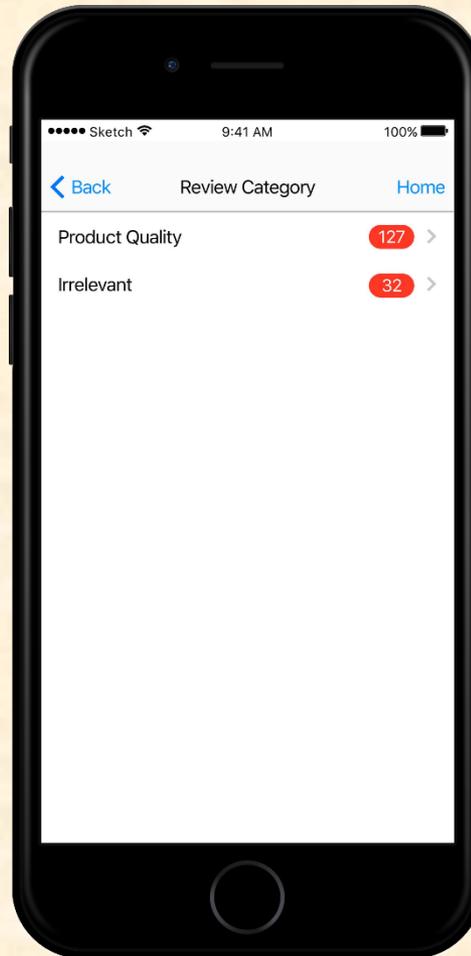
System Architecture



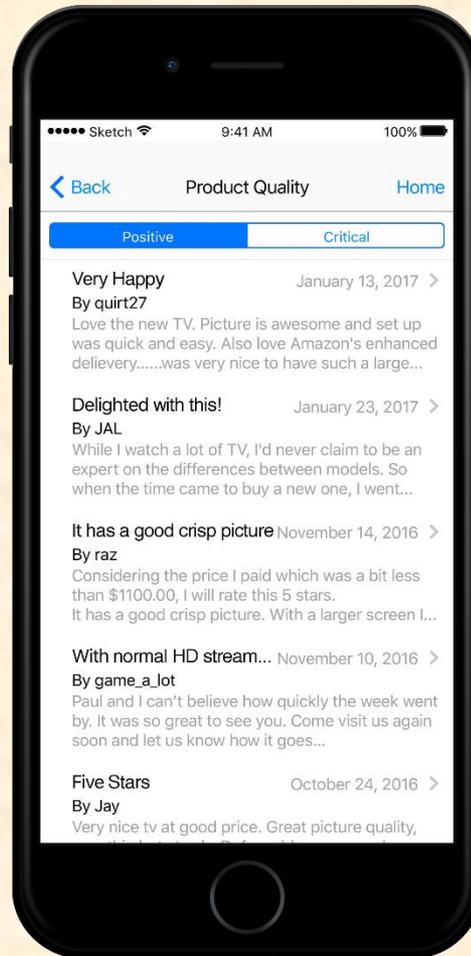
Search Results Page



Review Categories Page



Reviews Page



What's left to do?

- Integrate Reviews API with App
- Finish Views in the App
- Put All Review Data into DynamoDB
- Improve Classifier
- (Stretch) Categorical Classification



Questions?

?

?

?

?

?

?

?

?

?

