# Flow Diagram for Data Filtration:

Import positive and negative dataset

Merging all files into single

files respectively

Removing symbols and numbers from dataset

# Go to “view” -> page movement ->Slide to Slide

# System architecture of product review

# 1.Training:

Label

Input hj

Feature Extractor

Machine Learning Algorithm

Input

Label

Feature Extraction

Classifier Model

# 2.Classification:

Proposed System:

**Data Filtration**

Positive and negative file

Single positive and negative file

Final positive and negative file

***Merge***

***Filtration of fillers***

**Training Model**

Pre-Processing

Prediction Model

Feature Extraction

Machine Learning Algorithm

Classification Model

**Data Filtration**

Testing Input

Pre-Process

Feature Extraction

Classification Model

Prediction Label

# Proposed model on dataset:

User Input

Removing all symbols

Mapping each feature according to trained model

Sentiment analysis using each model

Average all prediction

Predicts as either positive or negative

# System Flowchart:

# 

Assign Positive as “pos” negative as “neg”

Select most frequent feature vector word<=500

Random shuffle dataset for training

Separate dataset for training(70%) and testing(30%)

Training classifier

Saving features and trained classifier model

Import positive and negative dataset

Import positive and negative dataset

Feature extraction