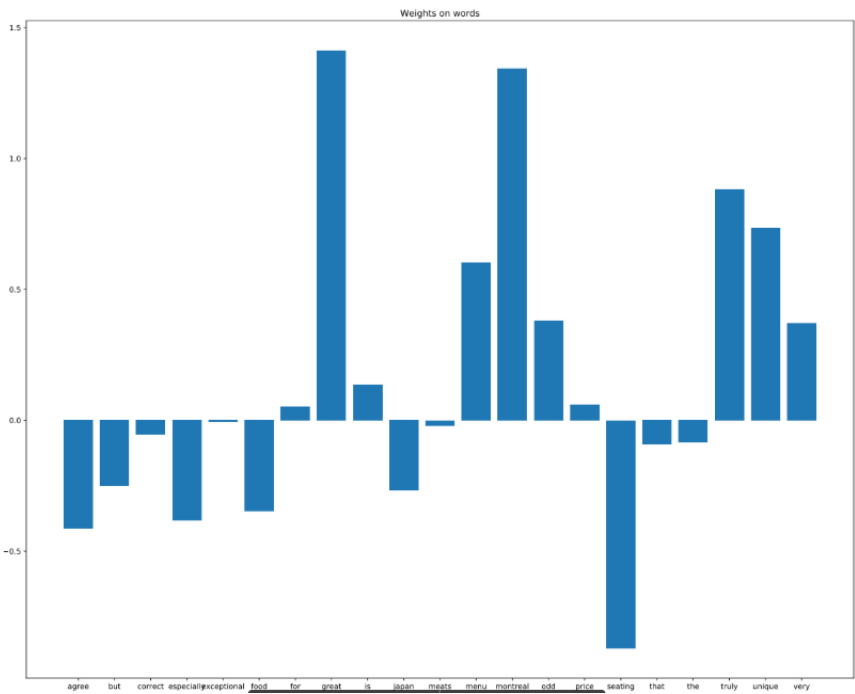
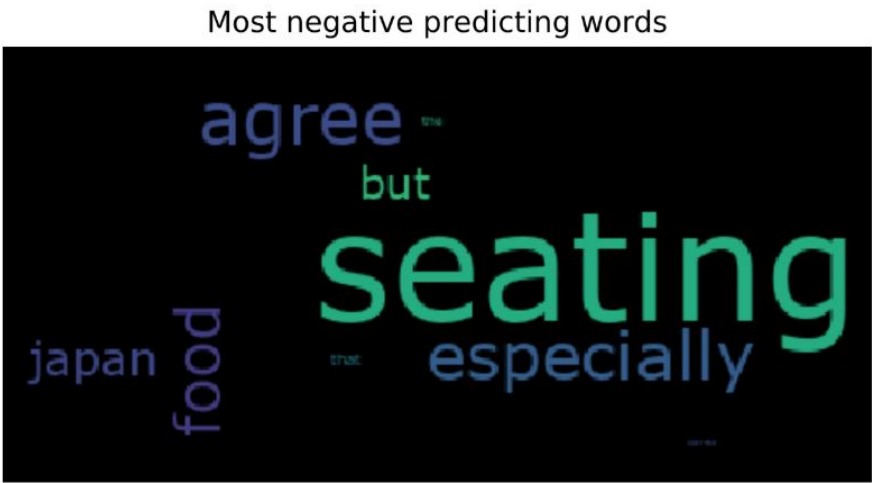
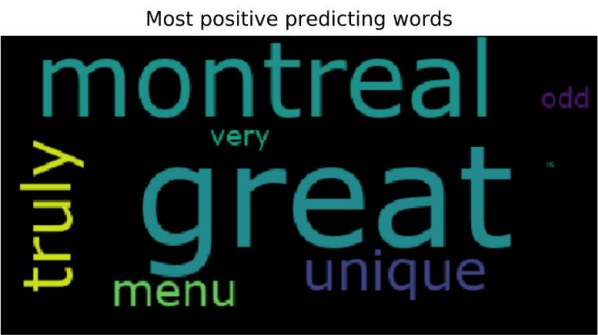
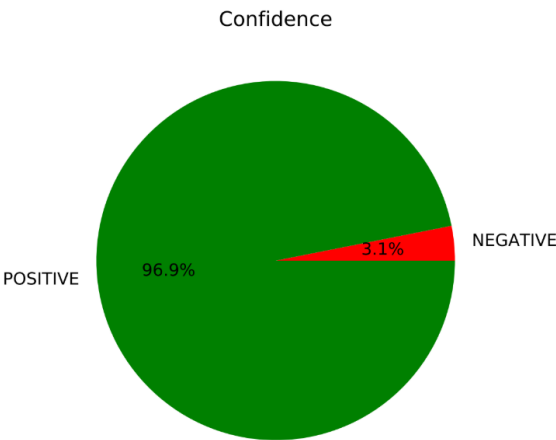
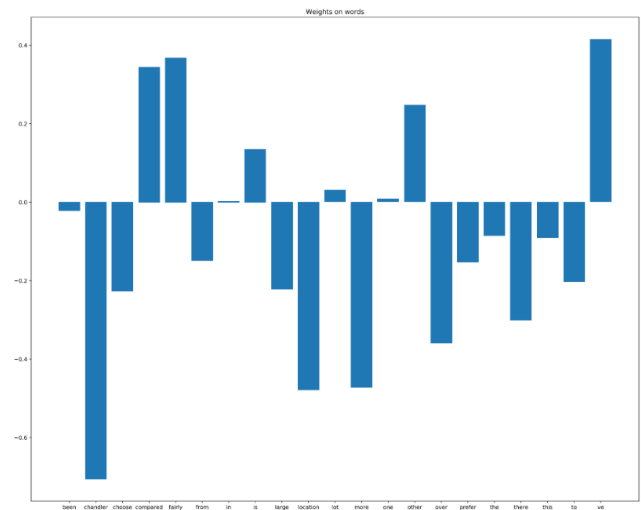
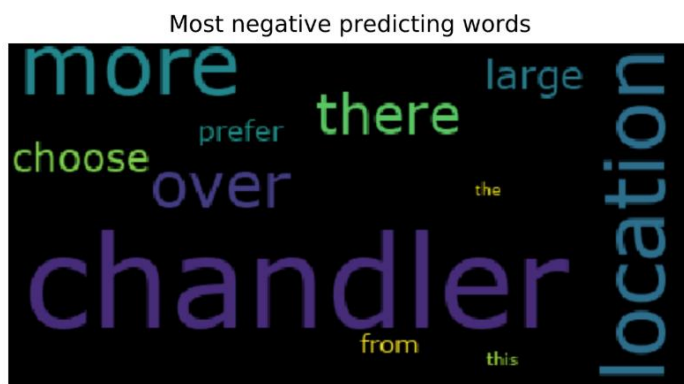
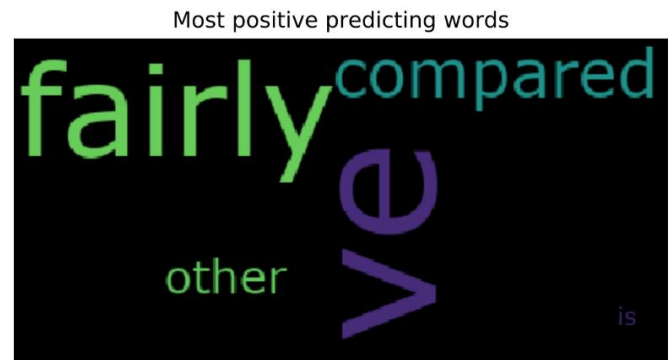
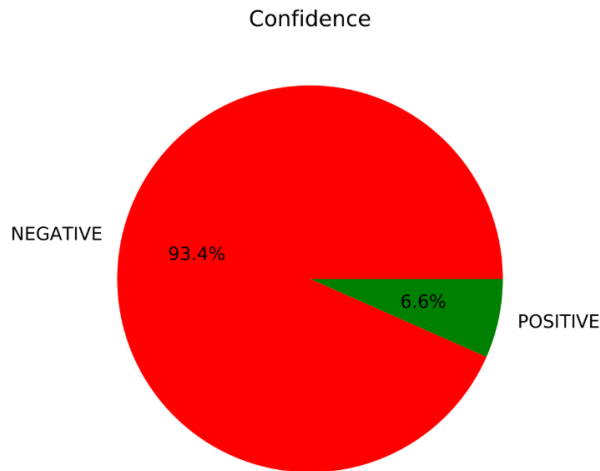


Part I - Sentiment analysis for restaurant reviews:

Sentence input: "i agree that the seating is odd. but the food is exceptional especially for the price. the menu is truly montreal meats japan (spelling is correct) = very unique. Great" (**True-positive**)



Sentence: “This location is fairly large compared to other's I've been to. I prefer this location over the one in Chandler. There is a lot more to choose from” (**False Negative**)



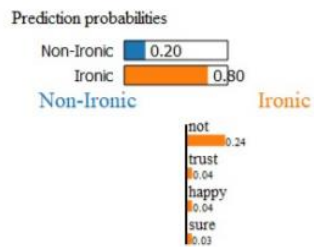
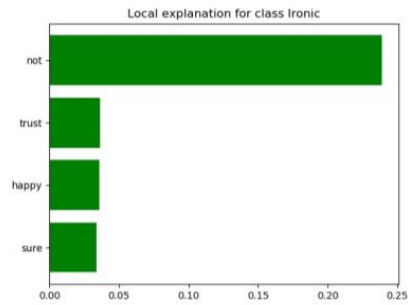
Part II: Irony/Sarcasm detector

Sentence: “@RedSox you guys sure screwed this up royally. I'm happy for Lester, the brain trust over there sucks. #nicejob #not #LesterToChicago” (**Ironic sentence**)

Prediction:



Label Analysis:



Text with highlighted words

@RedSox you guys sure screwed this up royally. I'm happy for Lester, the brain trust over there sucks. #nicejob #not #LesterToChicago

Connotation Analysis:

Word cloud showing positive(green) and negative(words)(red)



@RedSox you guys sure screwed this up royally. I'm happy for Lester, the brain trust over there sucks. #nicejob #not #LesterToChicago

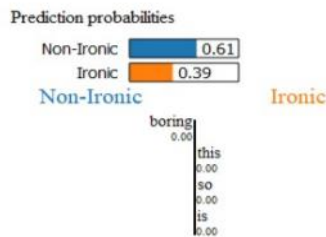
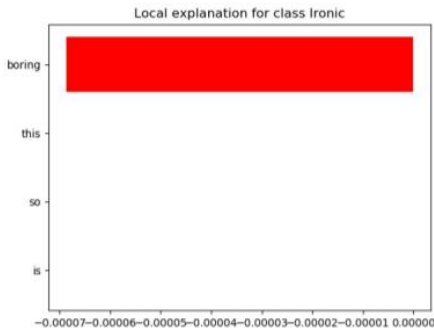
Sentence: "This is so boring!" (Non-Ironic sentence)

Prediction:



NOT IRONIC

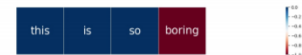
Label Analysis:



Text with highlighted words

this is so boring

Word cloud showing positive(green) and negative words(red)

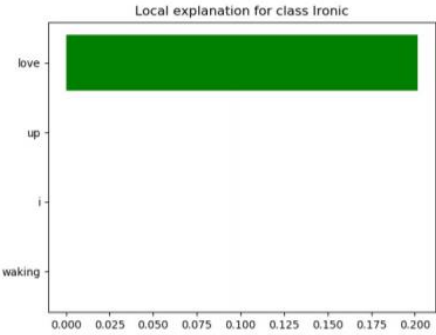


Sentence: "I love waking up at 5am" (Sarcastic sentence)

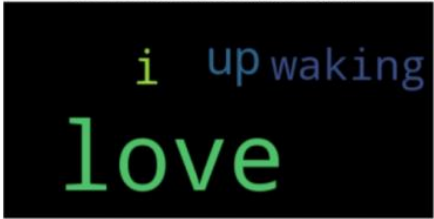
Prediction:



Label Analysis:



Word cloud of the most important words



Prediction probabilities



Non-Ironic Irony



Text with highlighted words

i love waking up at 5am

Word cloud showing positive(green) and negative words(red)

