**1.Train New Data to Vadar Pre Trained Model**

**Step:1**

Importing all necessary libraries

**Step:2**

Reading Data

Data Source: <https://www.kaggle.com/datasets/therohk/million-headlines>

**Step:3**

**Text Blob:**

 It provides a simple API for diving into common natural language processing (NLP) tasks such as part-of-speech tagging, noun phrase extraction, sentiment analysis, classification.

**Step:4**

**Vader:**

*VADER (Valence Aware Dictionary and Sentiment Reasoner)* is a lexicon and rule-based sentiment analysis tool that is specifically designed to detect sentiments expressed in social media.

**Step:5**

Train Data to Vadar Sentiment Analysis

**2.Sentiment Analysis with Bert Transformer**

# Step:1

Importing all necessary libraries

**Step:2**

Reading Data

Data Source: https://www.kaggle.com/datasets/snap/amazon-fine-food-reviews

**Step:3**

EDA

**Step:4**

# VADER Sentiment Scoring

**Step:5**

## Plot VADER

**Step:6**

# Roberta Pretrained Model

**Step:7**

# Review Examples