DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING UNIVERSITY AT BUFFALO

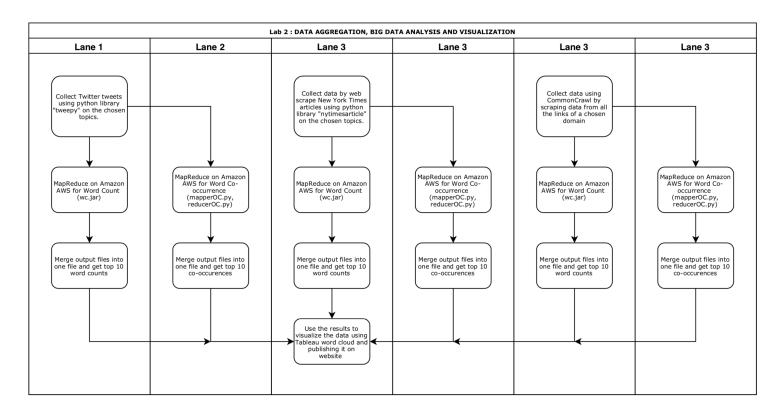
DATA INTENSIVE COMPUTING

Lab 2: DATA AGGREGATION, BIG DATA ANALYSIS AND VISUALIZATION

AKHIL AMIT SENROY UBIT: AKHILAMI

PERSON #: 50288588

LAB 2: FLOW DIAGRAM

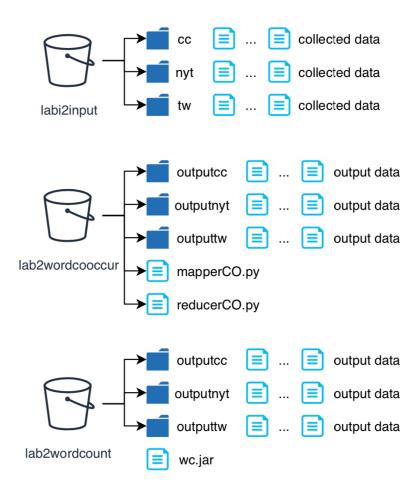


Chosen Topics: "music", "song", "guitar", "violin", "piano", "sing", "orchestra"

Python Libraries Used:

- import tweepy
- from nytimesarticle import articleAPI
- import requests
- import pandas as pd
- import csv
- import time
- import os
- import glob
- from os.path import join, getsize
- from nltk.tokenize import word_tokenize
- from nltk.corpus import stopwords
- from nltk.stem.porter import PorterStemmer

Amazon AWS: S3 Directory Structure



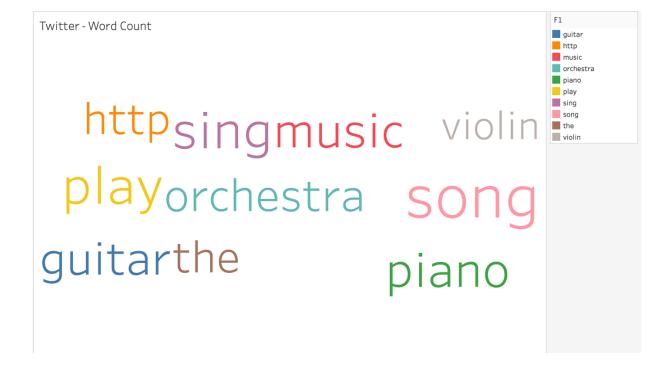
Overview of Amazon EMR Architecture

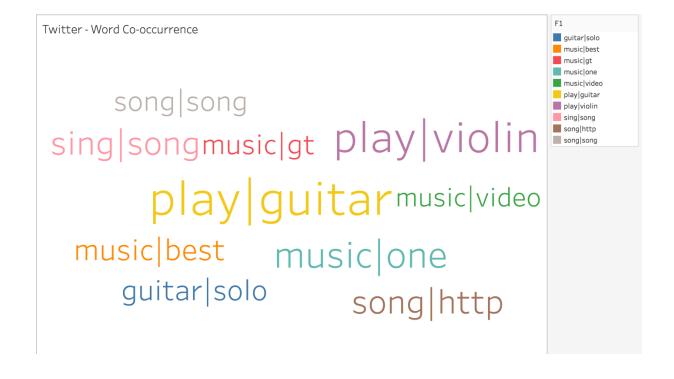
Amazon EMR service architecture consists of several layers, each of which provides certain capabilities and functionality to the cluster. This section provides an overview of the layers and the components of each.

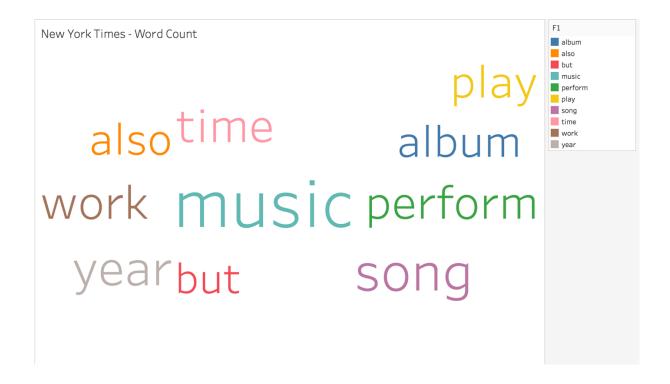
In This Topic

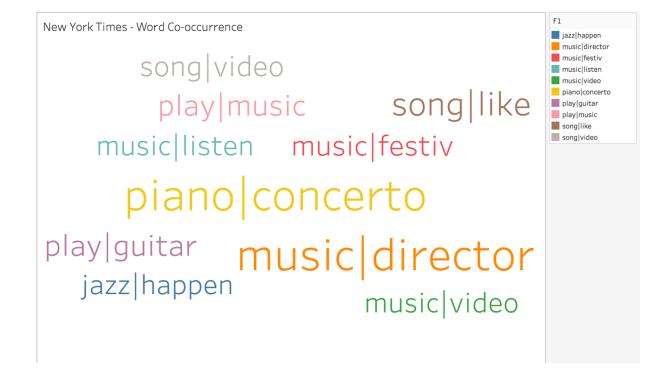
- Storage
- Cluster Resource Management
- Data Processing Frameworks
- Applications and Programs

DATA VISUALIZATION









fieldalso artistlike
piano music playlist
gettime way

