

ANALISIS DATA DARI INDOSUM DENGAN PYTHON

(Tugas Proyek Khusus)

Oleh

**PUTRA PRIBOWO
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FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

UNIVERSITAS LAMPUNG

BANDAR LAMPUNG

2019

Computer > Data (D:) > universitas lampung > Semester 6 > grayek khusus > indosum > indosum-master > indosum-master > indosum

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Name	Date modified	Type	Size
CHANGELOG	3/30/2018 9:28 AM	Text Document	1 KB
dev.H1.pptx	9/12/2018 2:58 PM	PowerPoint File	3,188 KB
dev.H2.pptx	9/12/2018 2:58 PM	PowerPoint File	3,195 KB
dev.H3.pptx	9/12/2018 2:58 PM	PowerPoint File	3,142 KB
dev.H4.pptx	9/12/2018 2:58 PM	PowerPoint File	3,128 KB
dev.H5.pptx	9/12/2018 2:58 PM	PowerPoint File	3,117 KB
README	3/30/2018 9:28 AM	Text Document	2 KB
test.H1.pptx	9/12/2018 2:58 PM	PowerPoint File	13,721 KB
test.H2.pptx	9/12/2018 2:58 PM	PowerPoint File	13,846 KB
test.H3.pptx	9/12/2018 2:58 PM	PowerPoint File	13,737 KB
test.H4.pptx	9/12/2018 2:58 PM	PowerPoint File	13,659 KB
test.H5.pptx	9/12/2018 2:58 PM	PowerPoint File	13,749 KB
train.H1.pptx	9/12/2018 2:58 PM	PowerPoint File	90,341 KB
train.H2.pptx	9/12/2018 2:58 PM	PowerPoint File	90,300 KB
train.H3.pptx	9/12/2018 2:58 PM	PowerPoint File	90,615 KB
train.H4.pptx	9/12/2018 2:58 PM	PowerPoint File	90,588 KB
train.H5.pptx	9/12/2018 2:58 PM	PowerPoint File	90,612 KB

17 items

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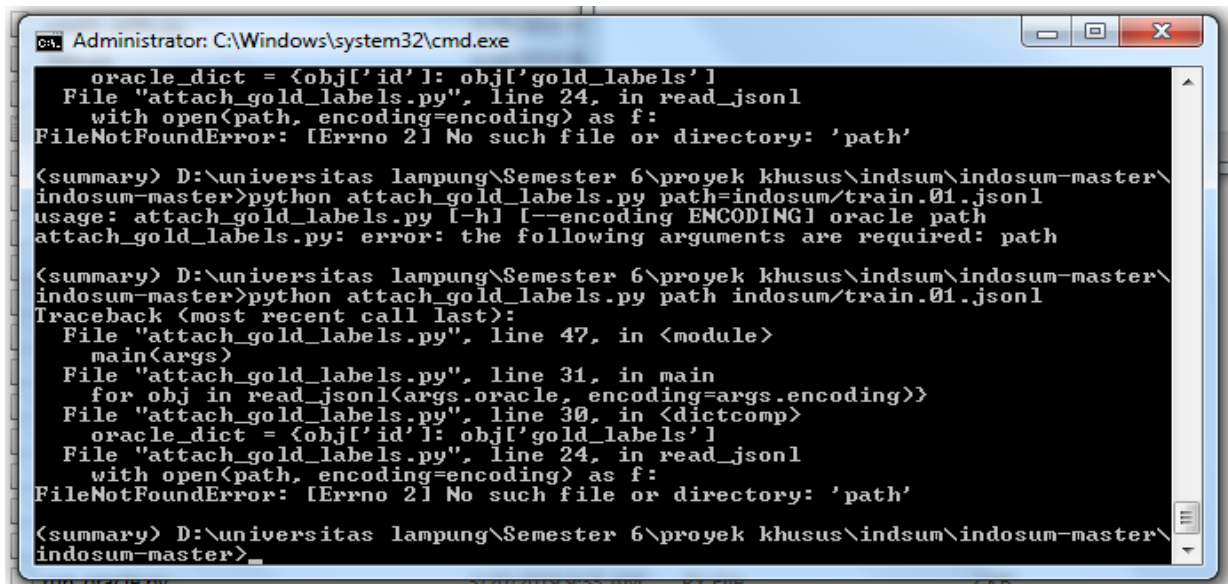
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Name	Date modified	Type	Size
imgredients	6/12/2019 11:31 AM	Folder	
models	6/12/2019 11:31 AM	Folder	
neurabum	6/12/2019 11:31 AM	Folder	
faked	3/20/2019 9:53 AM	FLAKE8 File	1 KB
	3/20/2019 9:53 AM	Text Document	2 KB
attach_gold_label.py	3/20/2019 9:53 AM	Python File	2 KB
convert_image.py	3/20/2019 9:53 AM	Python File	3 KB
create_splits.py	3/20/2019 9:53 AM	Python File	3 KB
data.py	3/20/2019 9:53 AM	Python File	8 KB
environment.yml	3/20/2019 9:53 AM	YAML File	1 KB
LICENSE	3/20/2019 9:53 AM	Text Document	11 KB
make_circles.py	3/20/2019 9:53 AM	Python File	4 KB
model	6/12/2019 11:31 AM	File	0 KB
prep_circles_neurabum.py	3/20/2019 9:53 AM	Python File	3 KB
prep_outliers.py	3/20/2019 9:53 AM	Python File	3 KB
RESUME.pdf	3/20/2019 9:53 AM	PDF File	7 KB
run_bayes.py	3/20/2019 9:53 AM	Python File	4 KB
run_hmm.py	3/20/2019 9:53 AM	Python File	4 KB
run_lead.py	3/20/2019 9:53 AM	Python File	3 KB
run_lexmark.py	3/20/2019 9:53 AM	Python File	4 KB
run_lm.py	3/20/2019 9:53 AM	Python File	3 KB
run_naive.py	3/20/2019 9:53 AM	Python File	4 KB
run_neural.py	3/20/2019 9:53 AM	Python File	13 KB
run_neurabum.py	3/20/2019 9:53 AM	Python File	2 KB
run_nucle.py	3/20/2019 9:53 AM	Python File	2 KB
run_sambam.py	3/20/2019 9:53 AM	Python File	2 KB
run_textrank.py	3/20/2019 9:53 AM	Python File	2 KB
serialize.py	3/20/2019 9:53 AM	Python File	8 KB
tokenizer_junk.py	3/20/2019 9:53 AM	Python File	3 KB
utils.py	3/20/2019 9:53 AM	Python File	3 KB

Bottom status bar: indosum Date modified: 6/12/2019 9:49 AM, File folder

Gambar 1. Fungsi dari attach_gold_label.py



```
Administrator: C:\Windows\system32\cmd.exe

oracle_dict = {objl'id':1: objl'gold_labels'}
File "attach_gold_labels.py", line 24, in read_jsonl
  with open(path, encoding=encoding) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'path'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python attach_gold_labels.py path=indosum/train.01.jsonl
usage: attach_gold_labels.py [-h] [--encoding ENCODING] oracle path
attach_gold_labels.py: error: the following arguments are required: path

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python attach_gold_labels.py path indosum/train.01.jsonl
Traceback (most recent call last):
  File "attach_gold_labels.py", line 47, in <module>
    main(args)
  File "attach_gold_labels.py", line 31, in main
    for obj in read_jsonl(args.oracle, encoding=args.encoding)):
  File "attach_gold_labels.py", line 30, in <dictcomp>
    oracle_dict = {objl'id':1: objl'gold_labels'}
  File "attach_gold_labels.py", line 24, in read_jsonl
    with open(path, encoding=encoding) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'path'

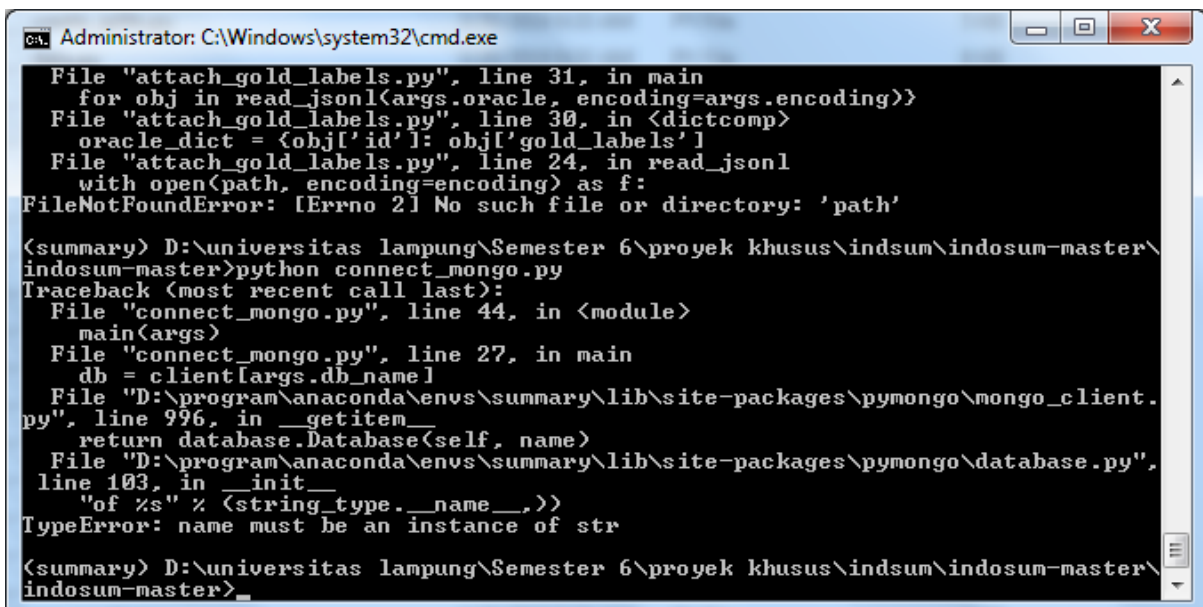
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>_
```

terdapat 4 fungsi:

oracle, path, -h(bantuan), --encoding

hasil: tidak ada bisa fungsi path digunakan dan oracle.

Gambar 2. Fungsi dari connect_mongo.py



```
Administrator: C:\Windows\system32\cmd.exe

File "attach_gold_labels.py", line 31, in main
  for obj in read_jsonl(args.oracle, encoding=args.encoding)):
File "attach_gold_labels.py", line 30, in <dictcomp>
  oracle_dict = {objl'id':1: objl'gold_labels'}
File "attach_gold_labels.py", line 24, in read_jsonl
  with open(path, encoding=encoding) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'path'

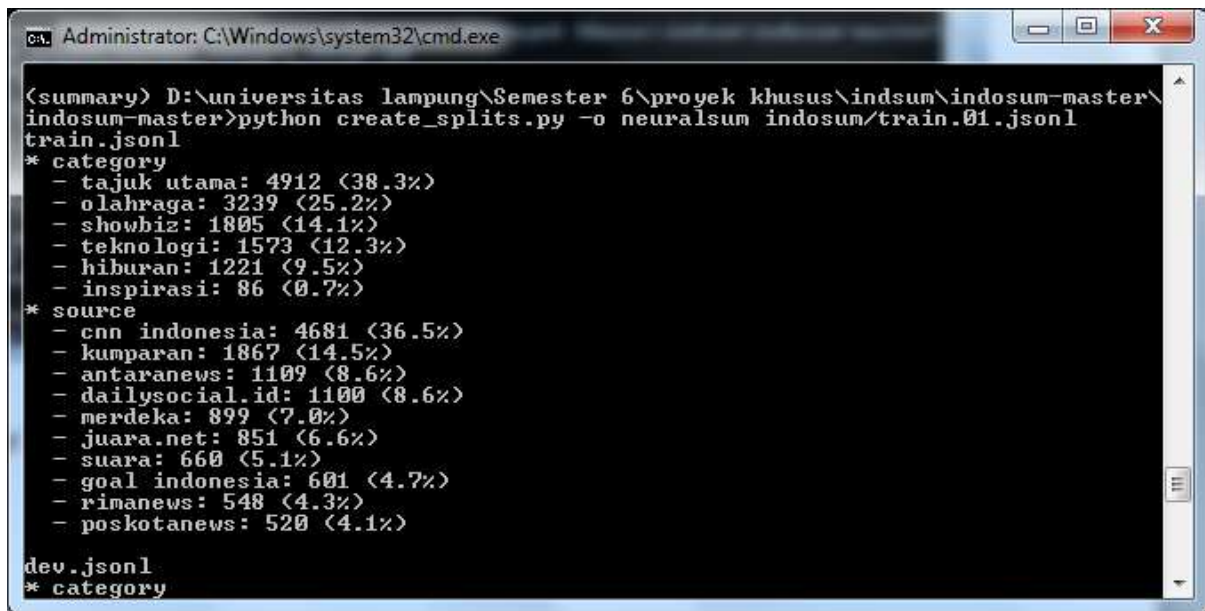
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python connect_mongo.py
Traceback (most recent call last):
  File "connect_mongo.py", line 44, in <module>
    main(args)
  File "connect_mongo.py", line 27, in main
    db = client[args.db_name]
  File "D:\program\anaconda\envs\summary\lib\site-packages\pymongo\mongo_client.
py", line 996, in __getitem__
    return database.Database(self, name)
  File "D:\program\anaconda\envs\summary\lib\site-packages\pymongo\database.py",
line 103, in __init__
    "of %s" % <string_type.__name__,>)
TypeError: name must be an instance of str

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>_
```

hasil: untuk koneksi database client, karena

blum ada database klien maka tidak bisa digunakan

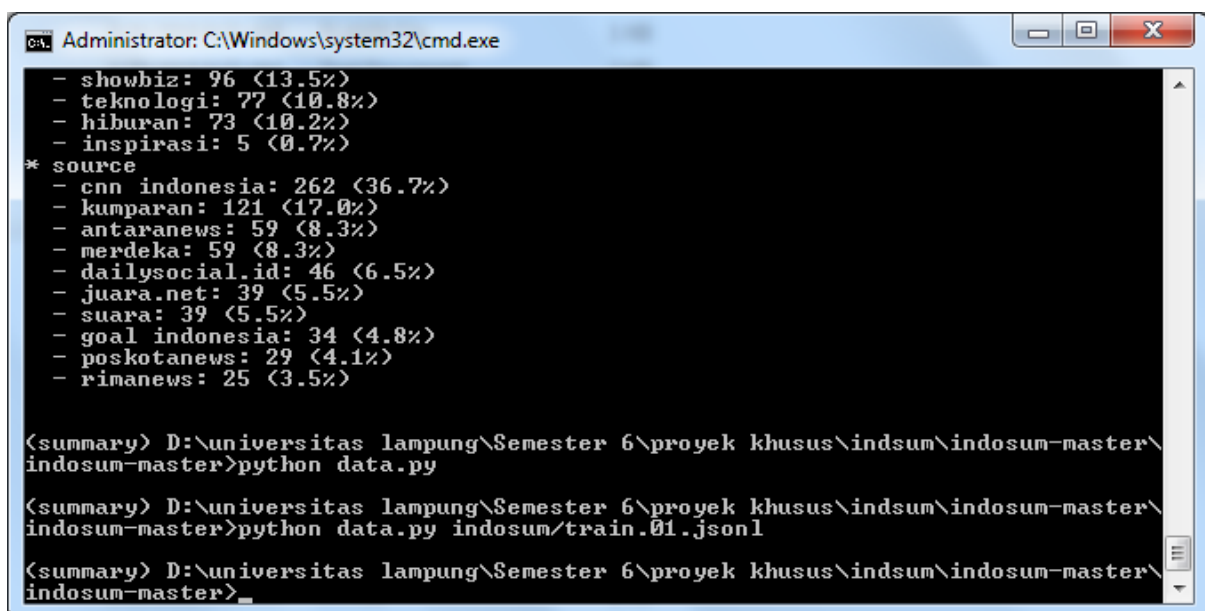
Gambar 3. Fungsi dari create_splits.py



```
C:\Windows\system32\cmd.exe
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python create_splits.py -o neuralsum indosum/train.01.jsonl
train.jsonl
* category
- tajuk utama: 4912 (38.3%)
- olahraga: 3239 (25.2%)
- showbiz: 1805 (14.1%)
- teknologi: 1573 (12.3%)
- hiburan: 1221 (9.5%)
- inspirasi: 86 (0.7%)
* source
- cnn indonesia: 4681 (36.5%)
- kumparan: 1867 (14.5%)
- antaranews: 1109 (8.6%)
- dailysocial.id: 1100 (8.6%)
- merdeka: 899 (7.0%)
- juara.net: 851 (6.6%)
- suara: 660 (5.1%)
- goal indonesia: 601 (4.7%)
- rimanews: 548 (4.3%)
- poskotanews: 520 (4.1%)
dev.jsonl
* category
```

Fungsi dari sourcode ini memberikan suatu informasi tentang suatu category dan source yang dibandingkan dari data set train, data set dev, dan data set test yang mencari kata yang sudah di setting kata-kata yang ingin dicari didalam fungsi yang terdapat pada sourcode tersebut. Dapat dilihat berapa persen setiap kata yang sudah di set dan ditraining kedalam data set yang memberikan informasi kata tersebut berapa persen terdapat di dalam data set.

Gambar 4. Fungsi dari data.py

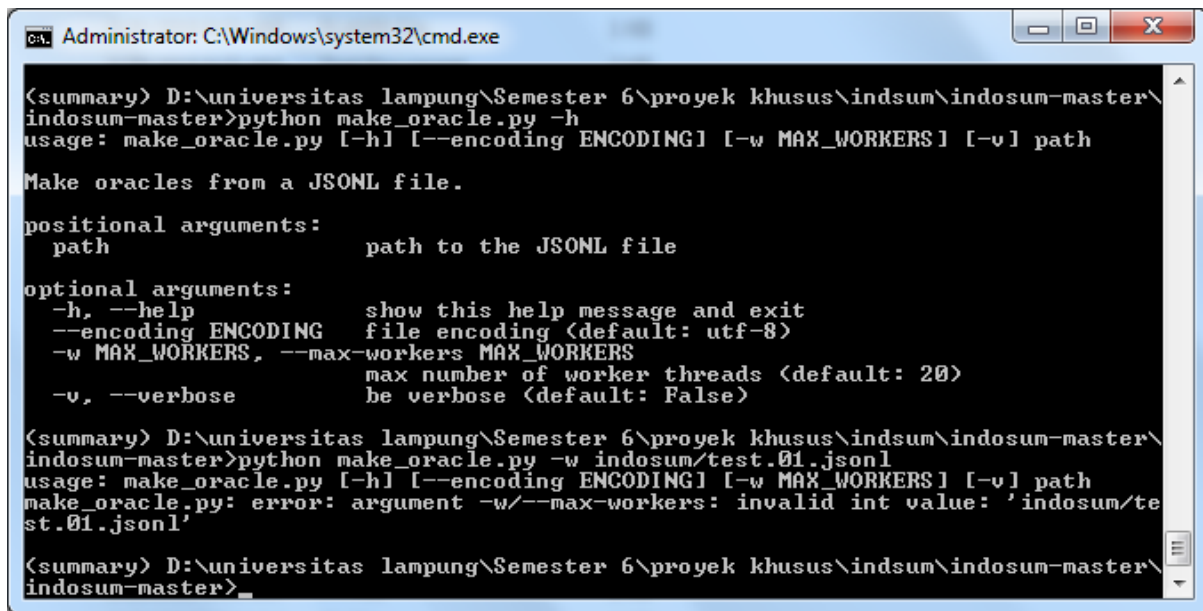


```
C:\Windows\system32\cmd.exe
- showbiz: 96 (13.5%)
- teknologi: 77 (10.8%)
- hiburan: 73 (10.2%)
- inspirasi: 5 (0.7%)
* source
- cnn indonesia: 262 (36.7%)
- kumparan: 121 (17.0%)
- antaranews: 59 (8.3%)
- merdeka: 59 (8.3%)
- dailysocial.id: 46 (6.5%)
- juara.net: 39 (5.5%)
- suara: 39 (5.5%)
- goal indonesia: 34 (4.8%)
- poskotanews: 29 (4.1%)
- rimanews: 25 (3.5%)

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python data.py
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python data.py indosum/train.01.jsonl
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>
```

Tidak ada suatu hasil yang diberikan pada sourcode tersebut.

Gambar 5. Fungsi dari make_oracle.py



```
Administrator: C:\Windows\system32\cmd.exe

<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python make_oracle.py -h
usage: make_oracle.py [-h] [--encoding ENCODING] [-w MAX_WORKERS] [-v] path

Make oracles from a JSONL file.

positional arguments:
  path                path to the JSONL file

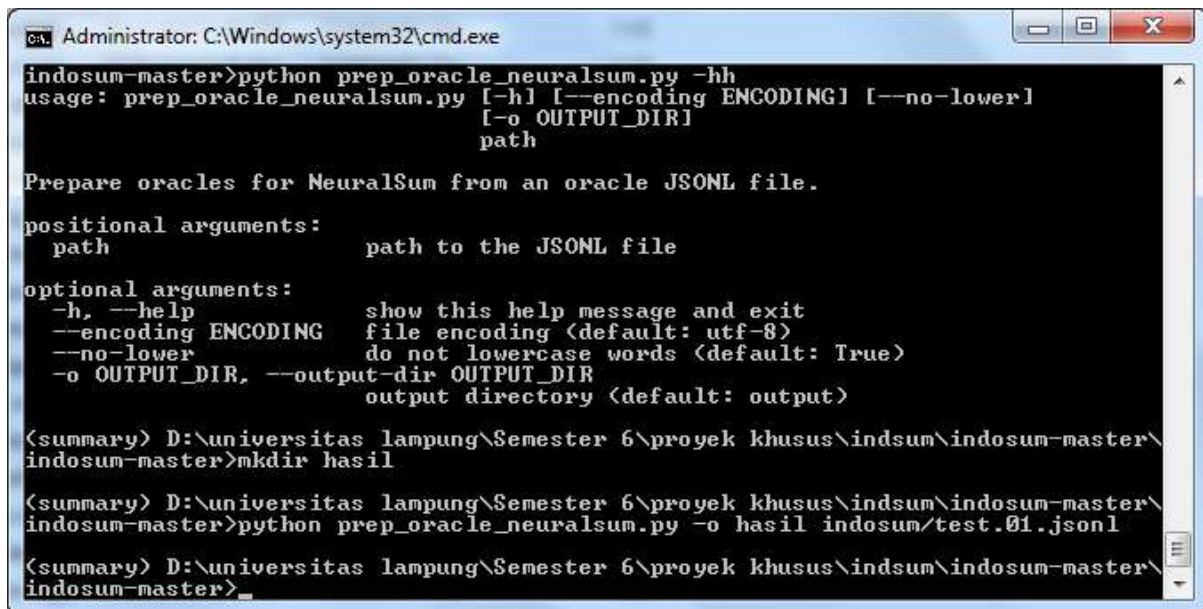
optional arguments:
  -h, --help            show this help message and exit
  --encoding ENCODING  file encoding (default: utf-8)
  -w MAX_WORKERS, --max-workers MAX_WORKERS
                        max number of worker threads (default: 20)
  -v, --verbose          be verbose (default: False)

<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python make_oracle.py -w indosum/test.01.jsonl
usage: make_oracle.py [-h] [--encoding ENCODING] [-w MAX_WORKERS] [-v] path
make_oracle.py: error: argument -w/--max-workers: invalid int value: 'indosum/te
st.01.jsonl'

<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>
```

Dalam sourcode ini terdapat suatu fungsi yaitu bantuan, encoding, max_workers yang artinya nilainya harus bernilai INT dan verbose.

Gambar 6. Fungsi dari prep_oracle_neuralsum.py



```
Administrator: C:\Windows\system32\cmd.exe

indosum-master>python prep_oracle_neuralsum.py -hh
usage: prep_oracle_neuralsum.py [-h] [--encoding ENCODING] [--no-lower]
                                [-o OUTPUT_DIR]
                                path

Prepare oracles for NeuralSum from an oracle JSONL file.

positional arguments:
  path                path to the JSONL file

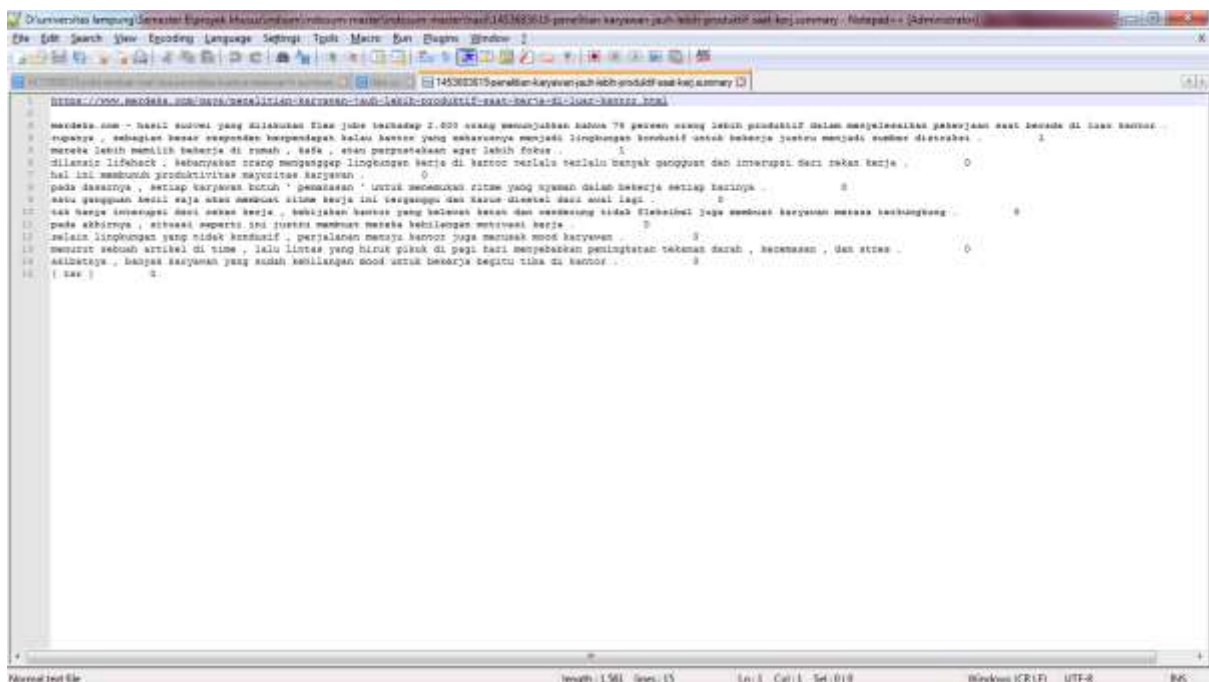
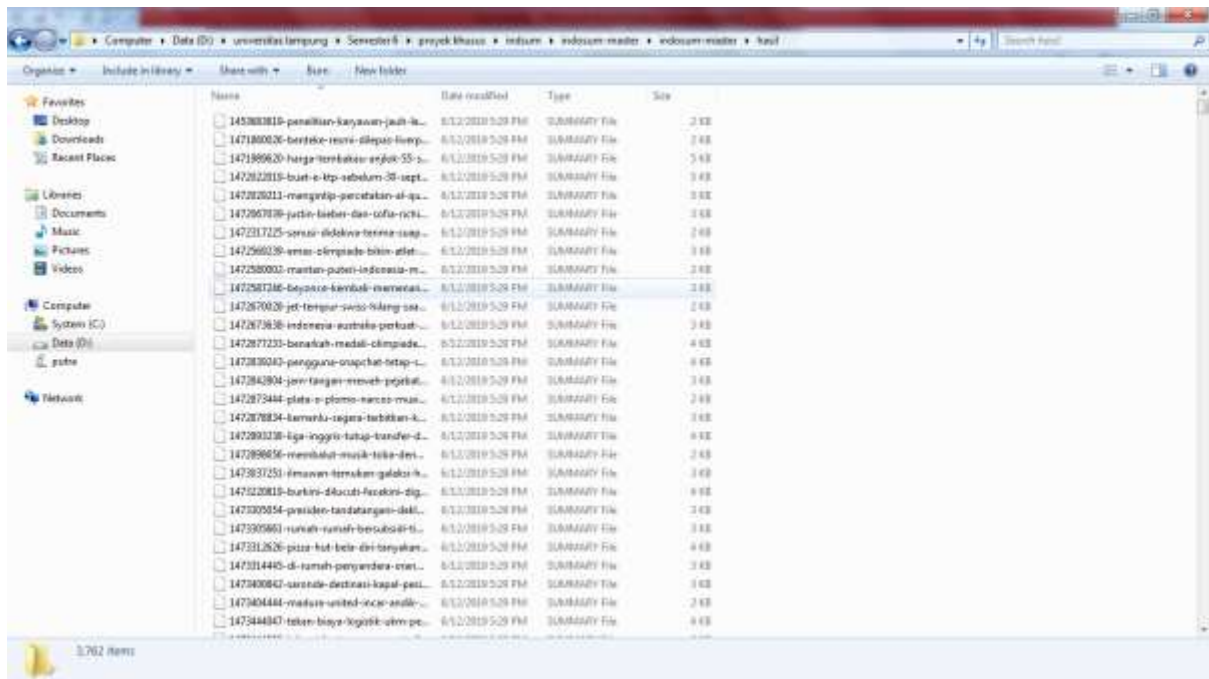
optional arguments:
  -h, --help            show this help message and exit
  --encoding ENCODING  file encoding (default: utf-8)
  --no-lower            do not lowercase words (default: True)
  -o OUTPUT_DIR, --output-dir OUTPUT_DIR
                        output directory (default: output)

<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>mkdir hasil

<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python prep_oracle_neuralsum.py -o hasil indosum/test.01.jsonl

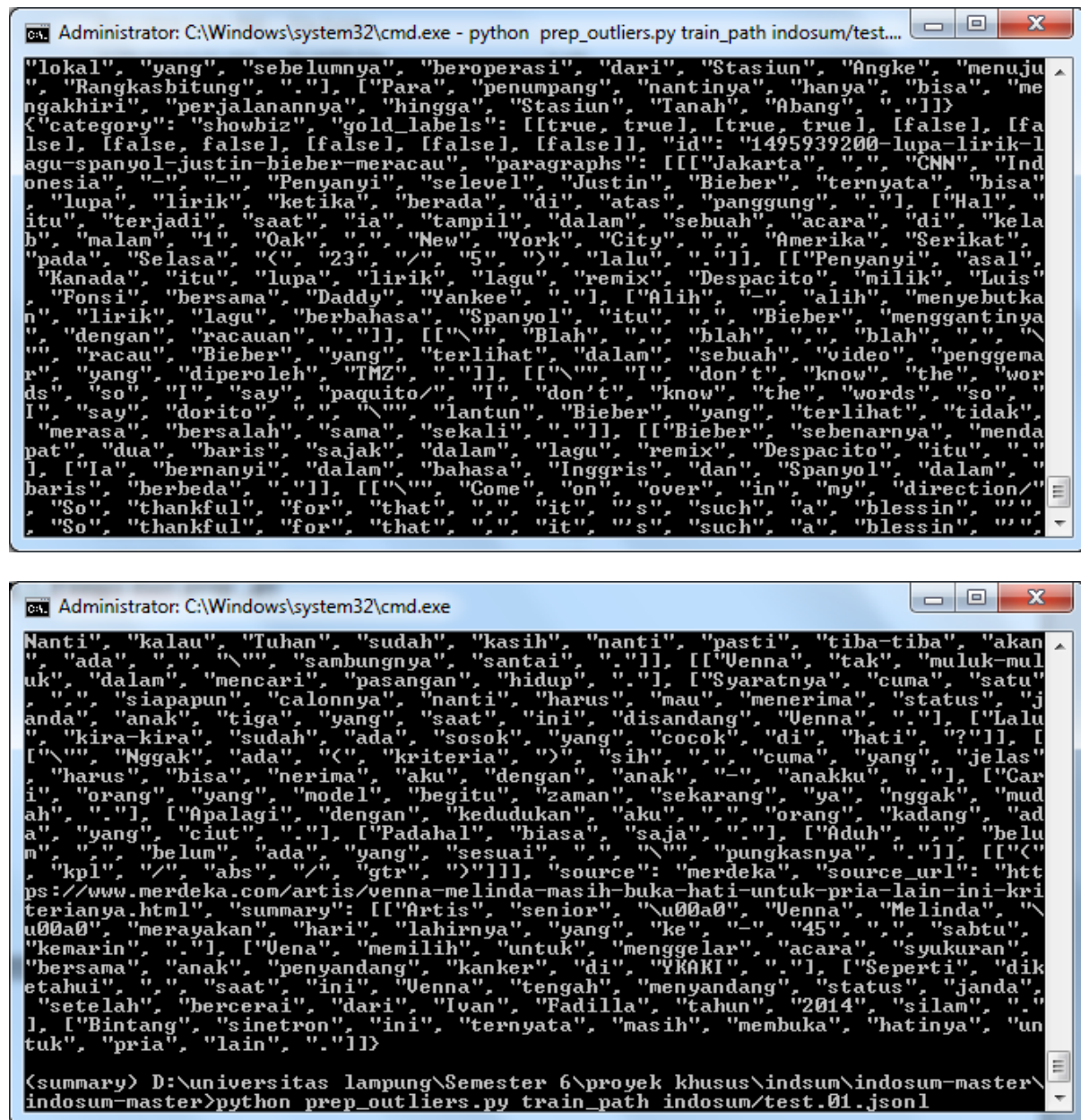
<summary> D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>
```

Fungsi dari sourcode ini untuk memisahkan data dari json menjadi suatu summary yang dapat menghasilkan suatu inti dari data tersebut, yang dilihat pada gambar dibawah ini:



Ini hasil dari menjalankan skrip tersebut, dan dapat memberikan informasi terkait dari dari json yang di peroleh, yang menghasilkan keputusan yang dalam suatu informasi yang dapat dipilih sesuai dengan sub tem tersebut.

Gambar 7. Fungsi dari prep_outliers.py



```

Administrator: C:\Windows\system32\cmd.exe - python prep_outliers.py train_path indosum/test...
"lokal", "yang", "sebelumnya", "beroperasi", "dari", "Stasiun", "Angke", "menuju",
", "Rangkasbitung", "Para", "penumpang", "nantinya", "hanya", "bisa", "me",
ngakhiri", "perjalanannya", "hingga", "Stasiun", "Tanah", "Abang", "ll}"
{"category": "showbiz", "gold_labels": [[true, true], [true, true], [false, [fa
lse], [false, false], [false], [false], [false]], "id": "1495939200-lupa-lirik-l
agu-spanjol-justin-bieber-meracau", "paragraphs": [[[ "Jakarta", "CNN", "Ind
onesia", "Penyanyi", "selevel", "Justin", "Bieber", "ternyata", "bisa",
", "lupa", "lirik", "ketika", "berada", "di", "atas", "panggung", "Hal", "
itu", "terjadi", "saat", "ia", "tampil", "dalam", "sebuah", "acara", "di", "kela
b", "malam", "1", "Oak", "New", "York", "City", "Amerika", "Serikat",
", "pada", "Selasa", "<", "23", "/", "5", ">", "lalu", "ll, [ "Penyanyi", "asal",
", "Kanada", "itu", "lupa", "lirik", "lagu", "remix", "Despacito", "milik", "Luis",
", "Fonsi", "bersama", "Daddy", "Yankee", "ll, [ "Alih", "alih", "menyebutka
n", "lirik", "lagu", "berbahasa", "Spanjol", "itu", "Bieber", "menggantinya
", "dengan", "racauan", "ll, [ "\", "Blah", "Blah", "Blah", "Blah", "
", "racau", "Bieber", "yang", "terlihat", "dalam", "sebuah", "video", "penggema
r", "yang", "diperoleh", "TMZ", "ll, [ "\", "I", "don't", "know", "the", "wor
ds", "so", "I", "say", "paquito", "I", "don't", "know", "the", "words", "so",
", "say", "dorito", "lantun", "Bieber", "yang", "terlihat", "tidak",
", "merasa", "bersalah", "sama", "sekali", "ll, [ "Bieber", "sebenarnya", "menda
pat", "dua", "baris", "sajak", "dalam", "lagu", "remix", "Despacito", "itu", "
", "Ia", "bernanyi", "dalam", "bahasa", "Inggris", "dan", "Spanjol", "dalam",
baris", "berbeda", "ll, [ "\", "Come", "on", "over", "in", "direction",
", "So", "thankful", "for", "that", "it", "s", "such", "a", "blessin", "
", "So", "thankful", "for", "that", "it", "s", "such", "a", "blessin", "

```

```

Administrator: C:\Windows\system32\cmd.exe
Nanti", "kalau", "Tuhan", "sudah", "kasih", "nanti", "pasti", "tiba-tiba", "akan",
", "ada", "sambung", "santai", "ll, [ "Uenna", "tak", "muluk-mul
uk", "dalam", "mencari", "pasangan", "hidup", "ll, [ "Syaratnya", "cuma", "satu",
", "siapa", "calonnya", "nanti", "harus", "mau", "menerima", "status", "j
anda", "anak", "tiga", "yang", "saat", "ini", "disandang", "Uenna", "Lalu",
", "kira-kira", "sudah", "ada", "sosok", "yang", "cocok", "di", "hati", "ll, [
", "\", "Nggak", "ada", "kriteria", "sih", "cuma", "yang", "jelas",
", "harus", "bisa", "nerima", "aku", "dengan", "anak", "anakku", "ll, [ "Car
i", "orang", "yang", "model", "begitu", "zaman", "sekarang", "ya", "nggak", "mud
ah", "ll, [ "Apalagi", "dengan", "kedudukan", "aku", "orang", "kadang", "ad
a", "yang", "ciut", "ll, [ "Padahal", "biasa", "saja", "ll, [ "Aduh", "belu
m", "belum", "ada", "yang", "sesuai", "pungkasnya", "ll, [ "<
", "kpl", "/", "abs", "gtr", ">lll, "source": "merdeka", "source_url": "htt
ps://www.merdeka.com/artis/venna-melinda-masih-buka-hati-untuk-pria-lain-ini-kri
terianya.html", "summary": [ "Artis", "senior", "u00a0", "Uenna", "Melinda", "
u00a0", "merayakan", "hari", "lahirnya", "yang", "ke", "45", "sabt",
", "kemarin", "ll, [ "Uena", "memilih", "untuk", "menggelar", "acara", "syukuran",
", "bersama", "anak", "penyandang", "kanker", "di", "YAKI", "ll, [ "Seperti", "dik
etahui", "saat", "ini", "Uenna", "tengah", "menyandang", "status", "janda",
", "setelah", "bercerai", "dari", "Ivan", "Fadilla", "tahun", "2014", "silam", "
", "ll, [ "Bintang", "sinetron", "ini", "ternyata", "masih", "membuka", "hatinya", "un
tuk", "pria", "lain", "ll}"

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python prep_outliers.py train_path indosum/test.01.jsonl

```

```
Administrator: C:\Windows\system32\cmd.exe
terianya.html", "summary": [{"Artis", "senior", "\u00a0", "Uenna", "Melinda", "\u00a0", "merayakan", "hari", "lahirnya", "yang", "ke", "-", "45", "-", "sabtu", "kemarin", "-", "l", ["Uena", "memilih", "untuk", "menggelar", "acara", "syukuran", "bersama", "anak", "penyandang", "kanker", "di", "YAKI", "-", "l", ["Seperti", "diketahui", "-", "saat", "ini", "Uenna", "tengah", "menyandang", "status", "janda", "setelah", "bercerai", "dari", "Ivan", "Fadilla", "tahun", "2014", "silam", "-", "l", ["Bintang", "sinetron", "ini", "ternyata", "masih", "membuka", "hatinya", "untuk", "pria", "lain", "-", "l"]}]

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python prep_outliers.py -h
usage: prep_outliers.py [-h] [--encoding ENCODING] train_path path

Preprocess outliers in a given JSONL file.

positional arguments:
  train_path          path to the train JSONL file
  path                path to the JSONL file to preprocess

optional arguments:
  -h, --help          show this help message and exit
  --encoding ENCODING file encoding (default: utf-8)

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>
```

Hasil dari running program tersebut memisahkan paragraf menjadi perkata dan ditampilkan seperti gambar tersebut yang membentuk tuple istilah pada python.

Gambar 8. Fungsi dari run_bayes.py

```
Administrator: C:\Windows\system32\cmd.exe

run_bayes.py COMMAND [(with UPDATE...)] [options]
Error: Command "test" not found. Available commands are: print_config, print_dependencies, save_config, train, summarize, evaluate

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_bayes.py train with corpus.train=indosum/train.01.jsonl
l model_path=models/bayes.model
WARNING - summarization-bayes-testrun - No observers have been added to this run
INFO - summarization-bayes-testrun - Running command 'train'
INFO - summarization-bayes-testrun - Started
INFO - corpus.read_jsonl - Reading train JSONL file from indosum/train.01.jsonl
INFO - train - Saving model to models/bayes.model
ERROR - summarization-bayes-testrun - Failed after 0:00:30!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_bayes.py", line 110, in train
    print(dump(model), file=f)
  File "D:\program\anaconda\envs\summary\lib\encodings\cp1252.py", line 19, in encode
    return codecs.charmap_encode(input,self.errors,encoding_table)[0]
UnicodeEncodeError: 'charmap' codec can't encode character '\u03bc' in position 3336: character maps to <undefined>

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>
```

Terdapat baris yang eror, yang mengartikan bahawa karakter \u03bc tidak bisa dibaca atau diencode pada data training json 01 yang membuat suatu eror pada saat running sistem.

Gambar 9. Fungsi dari run_hmm.py

```
Administrator: C:\Windows\system32\cmd.exe
ERROR - summarization-hmm-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_hmm.py", line 142, in evaluate
    model = load_model()
  File "run_hmm.py", line 110, in load_model
    assert isinstance(model, HMMSummarizer), 'model is not an HMM summarizer'
AssertionError: model is not an HMM summarizer

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_hmm.py print_config
INFO - summarization-hmm-testrun - Running command 'print_config'
INFO - summarization-hmm-testrun - Started
Configuration <[94modified[0m, <[92madded[0m, <[91mtypechanged[0m, <[90mdoc
<[0m>:
    gamma_init = 0.1                <[90m# smoothing for initial transition pro
    bability<[0m
    gamma_trans = 0.1              <[90m# smoothing for transition probability
    <[0m
    gamma_word = 0.1              <[90m# smoothing for word probability<[0m
    model_path = 'model'          <[90m# where to load or save the trained mo
    del<[0m
    seed = 775302724              <[90m# the random seed for this experiment<
    [0m
    tf_path = None                <[90m# path to a pickle file containing the
    TF dictionary<[0m
    corpus:
        dev = None                <[90m# path to dev oracle JSONL file<[0m
        encoding = 'utf-8'        <[90m# file encoding<[0m
        lower = True              <[90m# whether to lowercase words<[0m
        remove_puncts = True      <[90m# whether to remove punctuations<[0m
        replace_digits = True     <[90m# whether to replace digits<[0m
        stopwords_path = None     <[90m# path to stopwords file, one per each
    line<[0m
        test = 'test.jsonl'       <[90m# path to test oracle JSONL file<[0m
        train = 'train.jsonl'     <[90m# path to train oracle JSONL file<[0m
    eval:
        delete_temps = True       <[90m# whether to delete temp files after f
    inishes<[0m
        on = 'test'              <[90m# which corpus set the evaluation shou
    ld be run on<[0m
        size = 3                 <[90m# extract at most this number of sente
    nces as summary<[0m
    summ:
        path = 'test.jsonl'       <[90m# path to the JSONL file to summarize<
    [0m
        size = 3                 <[90m# extract at most this number of sente
    nces as summary<[0m
INFO - summarization-hmm-testrun - Completed after 0:00:00

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_hmm.py train with corpus.train=indosum/train.01.jsonl
model_path=models/hmm.model
WARNING - summarization-hmm-testrun - No observers have been added to this run
INFO - summarization-hmm-testrun - Running command 'train'
INFO - summarization-hmm-testrun - Started
INFO - corpus.read_jsonl - Reading train JSONL file from indosum/train.01.jsonl
INFO - train - Saving model to models/hmm.model
INFO - summarization-hmm-testrun - Completed after 0:00:50

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>
```

Fungsi dari sourcode tersebut hampir sama dalam menjalankan fungsi bayes dan hmm tersebut dan menghasilkan nilai rata-rata pada data training tersebut seperti pada gambar dibawah ini:

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int n;
7     cin >> n;
8     int a[n];
9     for (int i = 0; i < n; i++)
10     {
11         a[i] = 0;
12     }
13     for (int i = 0; i < n; i++)
14     {
15         a[i] = 0;
16     }
17     for (int i = 0; i < n; i++)
18     {
19         a[i] = 0;
20     }
21     for (int i = 0; i < n; i++)
22     {
23         a[i] = 0;
24     }
25     for (int i = 0; i < n; i++)
26     {
27         a[i] = 0;
28     }
29     for (int i = 0; i < n; i++)
30     {
31         a[i] = 0;
32     }
33     for (int i = 0; i < n; i++)
34     {
35         a[i] = 0;
36     }
37     for (int i = 0; i < n; i++)
38     {
39         a[i] = 0;
40     }
41     for (int i = 0; i < n; i++)
42     {
43         a[i] = 0;
44     }
45     for (int i = 0; i < n; i++)
46     {
47         a[i] = 0;
48     }
49     for (int i = 0; i < n; i++)
50     {
51         a[i] = 0;
52     }
53     for (int i = 0; i < n; i++)
54     {
55         a[i] = 0;
56     }
57     for (int i = 0; i < n; i++)
58     {
59         a[i] = 0;
60     }
61     for (int i = 0; i < n; i++)
62     {
63         a[i] = 0;
64     }
65     for (int i = 0; i < n; i++)
66     {
67         a[i] = 0;
68     }
69     for (int i = 0; i < n; i++)
70     {
71         a[i] = 0;
72     }
73     for (int i = 0; i < n; i++)
74     {
75         a[i] = 0;
76     }
77     for (int i = 0; i < n; i++)
78     {
79         a[i] = 0;
80     }
81     for (int i = 0; i < n; i++)
82     {
83         a[i] = 0;
84     }
85     for (int i = 0; i < n; i++)
86     {
87         a[i] = 0;
88     }
89     for (int i = 0; i < n; i++)
90     {
91         a[i] = 0;
92     }
93     for (int i = 0; i < n; i++)
94     {
95         a[i] = 0;
96     }
97     for (int i = 0; i < n; i++)
98     {
99         a[i] = 0;
100    }
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int n;
7     cin >> n;
8     int a[n];
9     for (int i = 0; i < n; i++)
10     {
11         a[i] = 0;
12     }
13     for (int i = 0; i < n; i++)
14     {
15         a[i] = 0;
16     }
17     for (int i = 0; i < n; i++)
18     {
19         a[i] = 0;
20     }
21     for (int i = 0; i < n; i++)
22     {
23         a[i] = 0;
24     }
25     for (int i = 0; i < n; i++)
26     {
27         a[i] = 0;
28     }
29     for (int i = 0; i < n; i++)
30     {
31         a[i] = 0;
32     }
33     for (int i = 0; i < n; i++)
34     {
35         a[i] = 0;
36     }
37     for (int i = 0; i < n; i++)
38     {
39         a[i] = 0;
40     }
41     for (int i = 0; i < n; i++)
42     {
43         a[i] = 0;
44     }
45     for (int i = 0; i < n; i++)
46     {
47         a[i] = 0;
48     }
49     for (int i = 0; i < n; i++)
50     {
51         a[i] = 0;
52     }
53     for (int i = 0; i < n; i++)
54     {
55         a[i] = 0;
56     }
57     for (int i = 0; i < n; i++)
58     {
59         a[i] = 0;
60     }
61     for (int i = 0; i < n; i++)
62     {
63         a[i] = 0;
64     }
65     for (int i = 0; i < n; i++)
66     {
67         a[i] = 0;
68     }
69     for (int i = 0; i < n; i++)
70     {
71         a[i] = 0;
72     }
73     for (int i = 0; i < n; i++)
74     {
75         a[i] = 0;
76     }
77     for (int i = 0; i < n; i++)
78     {
79         a[i] = 0;
80     }
81     for (int i = 0; i < n; i++)
82     {
83         a[i] = 0;
84     }
85     for (int i = 0; i < n; i++)
86     {
87         a[i] = 0;
88     }
89     for (int i = 0; i < n; i++)
90     {
91         a[i] = 0;
92     }
93     for (int i = 0; i < n; i++)
94     {
95         a[i] = 0;
96     }
97     for (int i = 0; i < n; i++)
98     {
99         a[i] = 0;
100    }
```

```

13:
14: - 1.9008714288714288
15: - 1.2654001046141474
16: - 19.203601167994348
17:
18:
19:
20: - 1.04000741870007
21: - 2.3014007060000006
22: - 57.00210446704136
23:
24:
25:
26: - 2.0
27: - 1.3139000984498886
28: - 14.302000001000007
29:
30:
31:
32: - 1.6400000000000007
33: - 2.2900000000000006
34: - 58.07102400077400
35:
36:
37:
38: - 2.0
39: - 1.10400000120187000
40: - 12.24100000001000
41:
42:
43: - 1.8007000000000000
44: - 2.2000000000000006
45: - 57.40000000000000
46:
47:
48:
49: - 2.0
50: - 1.1940000000000000
51: - 12.00000000000000
52:
53:
54:
55: - 1.0
56: - 2.917010000000000
57: - 50.00000000000000
58:
59:
60:
61: - 2.0
62: - 1.000000000000000
63: - 58.70000000000000
64:
65: gamma: 0.1
66: init_pdist: (110000, pdist)
67: dist: 20
68: sample: (10000, 1)
69:
70: 1: 2400
71: 2: 1000
72: gamma: 0.1
73: dist: 20
74:
75: - 1
76: - 2

```

```

125: dist: 20
126: - 1
127: - 2
128: - 3
129: - 4
130: - 5
131: - 6
132: - 7
133: - 8
134: - 9
135: - 10
136: - 11
137: - 12
138: - 13
139: - 14
140: - 15
141: - 16
142: - 17
143: - 18
144: - 19
145: - 20
146: - 21
147: - 22
148: - 23
149: - 24
150: - 25
151: - 26
152: - 27
153: - 28
154:
155: cf_val: null
156: create_pdist: (10000, 1)
157: dist: (10000, 1)
158:
159: 1:
160: 1: 4000
161: 2: 2400
162:
163: 2: 2000
164: 4: 10400
165:
166: 3:
167: 1: 1900
168: 4: 2700
169:
170: 4:
171: 1: 4000
172: 2: 1000
173:
174: 5: 2200
175: 6: 4400

```

```

175: 6:
176: 7: 7421
177: 8: 6411
178: 7:
179: 7: 60900
180: 8: 1000
181: 8:
182: 9: 8811
183: 10: 970
184: 9:
185: 9: 64030
186: 10: 576
187: 10:
188: 11: 1491
189: 12: 88
190: 11:
191: 11: 14828
192: 12: 833
193: 12:
194: 12: 288
195: 14: 2
196: 13:
197: 13: 1277
198: 14: 152
199: 14:
200: 15: 181
201: 16: 2
202: 14:
203: 16: 806
204: 16: 94
205: 16:
206: 17: 30
207: 17:
208: 17: 224
209: 18: 42
210: 18:
211: 18: 42
212: 18:
213: 19: 124
214: 20: 18
215: 20:
216: 21: 19
217: 21:
218: 21: 41
219: 22: 9
220: 22:

```

Normal text file | length: 3755 | lines: 230 | Lin: 8 | Col: 8 | Sel: 018 | Windows (CR LF) | UTF-8 | BMS

```

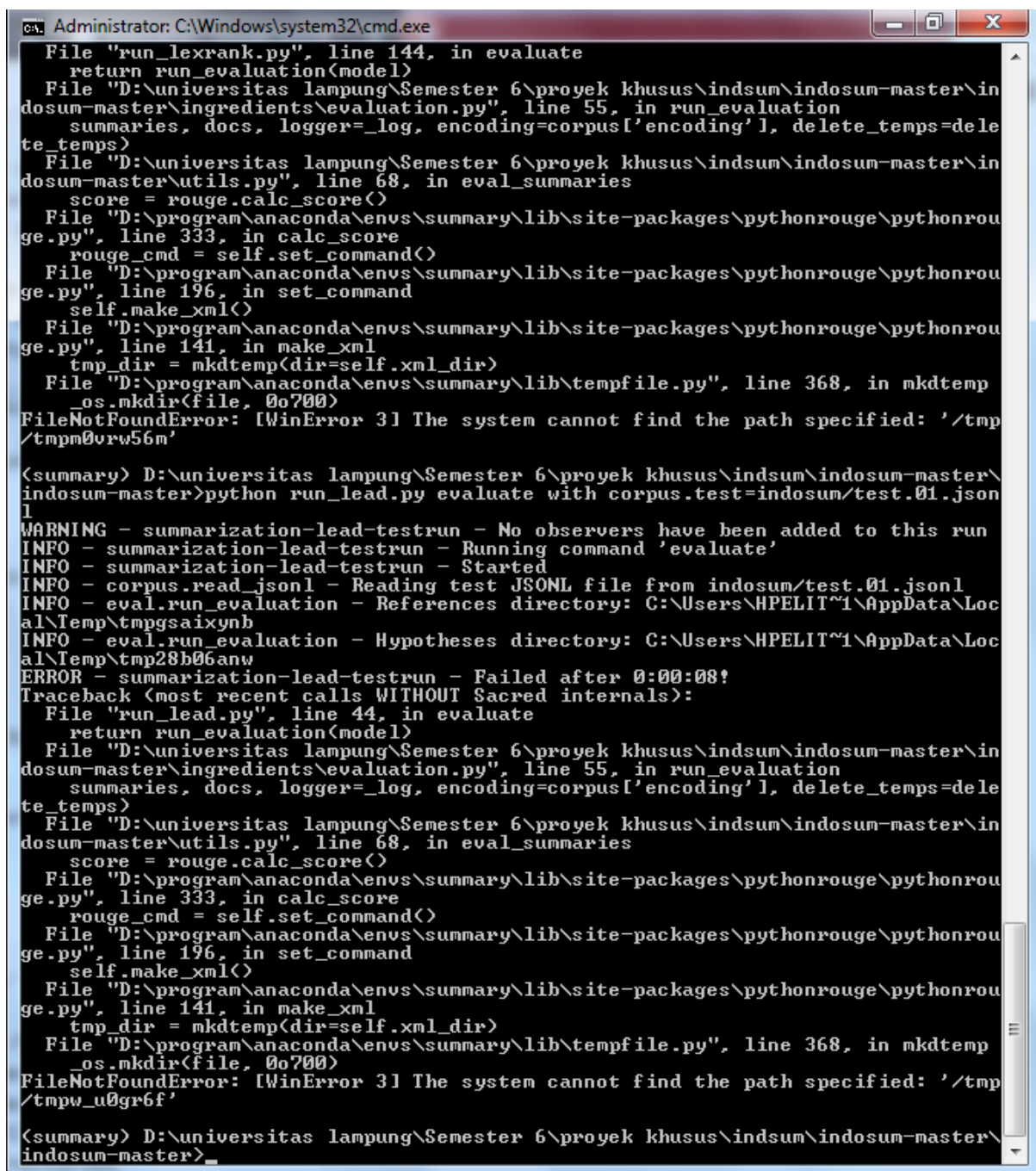
196: 11:
197: 11: 14828
198: 12: 213
199: 12:
200: 13: 100
201: 14: 2
202: 13:
203: 14: 1277
204: 14: 182
205: 14:
206: 15: 181
207: 16: 2
208: 16:
209: 16: 404
210: 16: 99
211: 16:
212: 17: 90
213: 17:
214: 17: 820
215: 18: 42
216: 18:
217: 18: 42
218: 18:
219: 19: 138
220: 20: 18
221: 20:
222: 20: 19
223: 20:
224: 21: 41
225: 22: 9
226: 22:
227: 22:
228: 23: 20
229: 24: 4
230: 24:
231: 24: 1
232: 24: 1
233: 24:
234: 25: 8
235: Dictionary_encode: 1797888/10474
236: - 9.3
237: Dictionary_encode:
238: Wlen: 26
239:

```

Normal text file | length: 3755 | lines: 230 | Lin: 8 | Col: 8 | Sel: 018 | Windows (CR LF) | UTF-8 | BMS

Dari hasil runingan data ini dapat dilihat bahwa menghasilkan suatu nilai gaussian elimination yang dapat dilihat nilainya dan setiap tabel ada nilai, dan ada yang tidak. Terdapat 26 state, dan terdapat nilai rata-rata dari dictionary yang artinya rata-rata suatu kata, dan memiliki nilai gama. Jadi fungsi dari sourcode ini melihat nilai gaussian dari kata dan rata-ratanya. Dan memberitahukan 26 state dalam prosesnya.

Gambar 10. Fungsi dari run_lead.py



```
Administrator: C:\Windows\system32\cmd.exe
File "run_lexrank.py", line 144, in evaluate
    return run_evaluation(model)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=delete_temps)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 196, in set_command
    self.make_xml()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp/tmpm0vrw56m'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_lead.py evaluate with corpus.test=indosum/test.01.jsonl
WARNING - summarization-lead-testrun - No observers have been added to this run
INFO - summarization-lead-testrun - Running command 'evaluate'
INFO - summarization-lead-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Local\Temp\tmpgsaixynb
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Local\Temp\tmp28b06anw
ERROR - summarization-lead-testrun - Failed after 0:00:08!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_lead.py", line 44, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=delete_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp/tmpw_u0gr6f'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>
```

Hasilnya tidak ada, tidak bisa menggunakan fungsi yang sama dalam meruning program dan terdapat enviromentnya tidak suport.

Gambar 11. Fungsi dari run_lexrank.py

```

return run_evaluation(model)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=dele
te_temps)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 196, in set_command
    self.make_xml()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp
/tmpop8m0g0_'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_lexrank.py evaluate with tuned_on_fold1 corpus.test=in
dosum/test.01.jsonl
WARNING - summarization-lexrank-testrun - No observers have been added to this r
un
INFO - summarization-lexrank-testrun - Running command 'evaluate'
INFO - summarization-lexrank-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmp5az4jgev
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmpw23syoda
ERROR - summarization-lexrank-testrun - Failed after 0:02:25!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_lexrank.py", line 144, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=dele
te_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp
/tmpm0urw56m'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>_

```

Dalam sourcode ini terdapat eror ketika dijalankan, terdapat suatu baris yang eror didalam library enviromentnya yang tidak suport.

Gambar 12. Fungsi dari run_lsa.py

```

Administrator: C:\Windows\system32\cmd.exe
File "run_lsa.py", line 81, in <module>
  Cex.automain
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py"
line 137, in automain
  self.run_commandline()
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py"
line 260, in run_commandline
  return self.run(cmd_name, config_updates, named_configs, {}, args)
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py"
line 208, in run
  meta_info, options)
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py"
line 433, in _create_run
  None))
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py"
line 414, in create_run
  scaffold.finalize_initialization(run=run)
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py"
line 168, in finalize_initialization
  self._warn_about_suspicious_changes()
File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py"
line 174, in _warn_about_suspicious_changes
  anywhere'.format(add))
KeyError: 'Added a new config entry "path_model" that is not used anywhere'

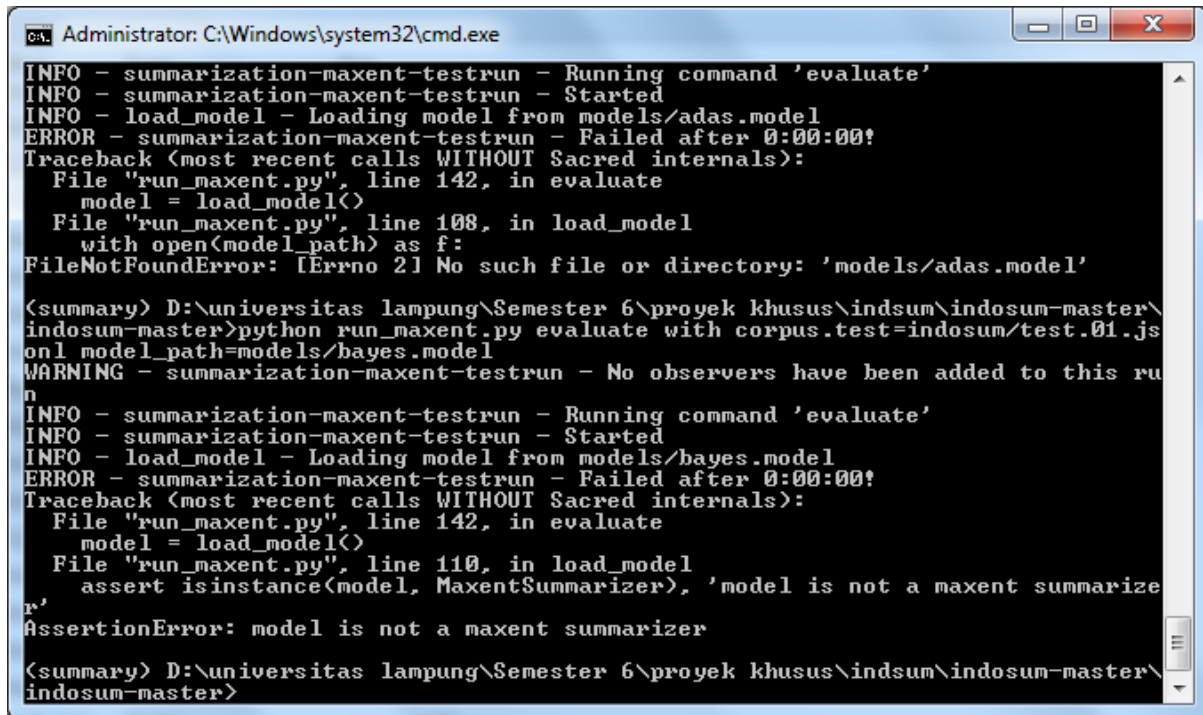
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_lsa.py evaluate with corpus.test=indosum/test.01.jsonl

WARNING - summarization-lsa-testrun - No observers have been added to this run
INFO - summarization-lsa-testrun - Running command 'evaluate'
INFO - summarization-lsa-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmpzyb5khh
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmpwh81wlri
ERROR - summarization-lsa-testrun - Failed after 0:00:14!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_lsa.py", line 85, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=dele
te_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    _os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp
/tmpks6g43po'

```

Terdapat eror ketika dijalankan pada data tersebut sourcode tersebut.

Gambar 13. Fungsi dari run_maxent.py



```
Administrator: C:\Windows\system32\cmd.exe
INFO - summarization-maxent-testrun - Running command 'evaluate'
INFO - summarization-maxent-testrun - Started
INFO - load_model - Loading model from models/adas.model
ERROR - summarization-maxent-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_maxent.py", line 142, in evaluate
    model = load_model()
  File "run_maxent.py", line 108, in load_model
    with open(model_path) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'models/adas.model'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_maxent.py evaluate with corpus.test=indosum/test.01.js
onl model_path=models/bayes.model
WARNING - summarization-maxent-testrun - No observers have been added to this ru
n
INFO - summarization-maxent-testrun - Running command 'evaluate'
INFO - summarization-maxent-testrun - Started
INFO - load_model - Loading model from models/bayes.model
ERROR - summarization-maxent-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_maxent.py", line 142, in evaluate
    model = load_model()
  File "run_maxent.py", line 110, in load_model
    assert isinstance(model, MaxentSummarizer), 'model is not a maxent summarize
r'
AssertionError: model is not a maxent summarizer

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>
```

Tidak bisa dijalankan terjadi eror dalam meruning programnya.

Gambar 14. Fungsi dari run_neuralsum.py

```

Administrator: C:\Windows\system32\cmd.exe
ERROR - summarization-maxent-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_maxent.py", line 142, in evaluate
    model = load_model()
  File "run_maxent.py", line 110, in load_model
    assert isinstance(model, MaxentSummarizer), 'model is not a maxent summarizer'
AssertionError: model is not a maxent summarizer

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_neuralsum.py
WARNING - summarization-neuralsum-testrun - No observers have been added to this run
INFO - summarization-neuralsum-testrun - Running command 'evaluate'
INFO - summarization-neuralsum-testrun - Started
INFO - evaluate - Command: python neuralsum\summarize.py --seed 3435 --data_dir D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\oracle --train_dir D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\train-dir --which test --jsonl_path D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\test.jsonl --batch_size 1 --max_doc_length 15 --max_sentence_length 50 --model_choice lstm --rnn_size 650 --highway_layers 2 --word_embed_size 50 --kernels [1,2,3,4,5,6,7] --kernel_features [150,100,150,200,200,200,200] --rnn_layers 2 --dropout 0.5
Traceback (most recent call last):
  File "neuralsum\summarize.py", line 8, in <module>
    import tensorflow as tf
ModuleNotFoundError: No module named 'tensorflow'
ERROR - summarization-neuralsum-testrun - Failed after 0:00:01!

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_neuralsum.py evaluate with corpus.test=indosum/test.01.jsonl
Traceback (most recent call last):
  File "run_neuralsum.py", line 545, in <module>
    max_sentence_length=50, size=3, lower=True, delete_temps=True):
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py", line 137, in automain
    self.run_commandline()
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py", line 260, in run_commandline
    return self.run(cmd_name, config_updates, named_configs, {}, args)
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py", line 208, in run
    meta_info, options)
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\experiment.py", line 433, in _create_run
    None))
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py", line 414, in create_run
    scaffold.finalize_initialization(run=run)
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py", line 168, in finalize_initialization
    self._warn_about_suspicious_changes()
  File "D:\program\anaconda\envs\summary\lib\site-packages\sacred\initialize.py", line 174, in _warn_about_suspicious_changes
    'anywhere'.format(add))
KeyError: 'Added a new config entry "corpus.test" that is not used anywhere'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_neuralsum.py evaluate with corpus.test=indosum/test.01.jsonl_

```

Fungsinya eror dalam menjalankannya.

Gambar 15. Fungsi dari run_oracle.py

```

Administrator: C:\Windows\system32\cmd.exe
indosum-master>python run_oracle.py evaluate with corpus.test=indosum/test.01.js
n1
WARNING - summarization-oracle-testrun - No observers have been added to this ru
n
INFO - summarization-oracle-testrun - Running command 'evaluate'
INFO - summarization-oracle-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
ERROR - summarization-oracle-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_oracle.py", line 44, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 51, in run_evaluation
    docs = list(read_fn())
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\corpus.py", line 62, in read_test_jsonl
    yield from read_jsonl(test, name='test')
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\corpus.py", line 73, in read_jsonl
    with open(path, encoding=encoding) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'indosum/test.01.jsonl'

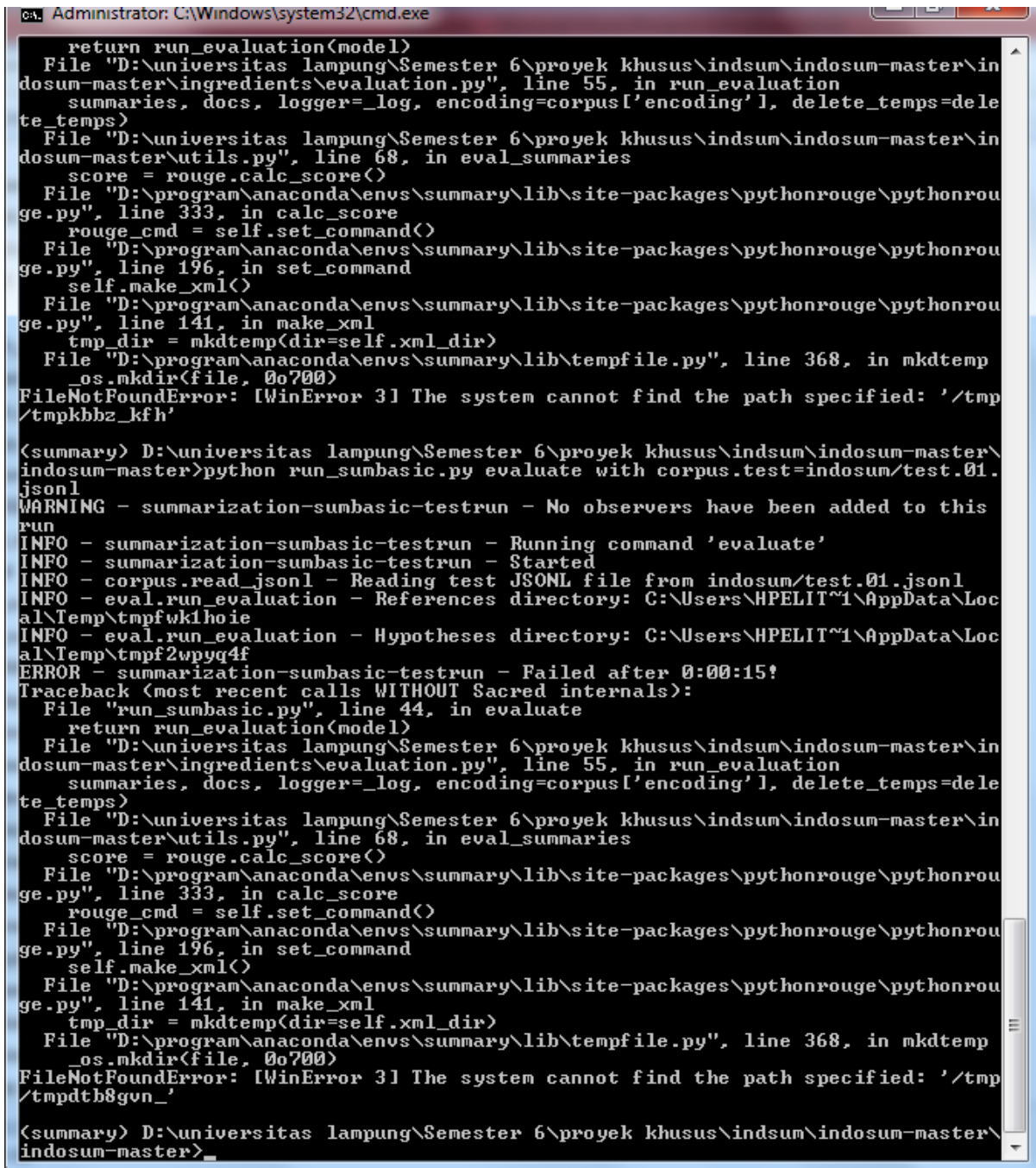
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_oracle.py evaluate with corpus.test=indosum/test.01.js
onl
WARNING - summarization-oracle-testrun - No observers have been added to this ru
n
INFO - summarization-oracle-testrun - Running command 'evaluate'
INFO - summarization-oracle-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmp76c_u56w
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmpg6ajn1z5
ERROR - summarization-oracle-testrun - Failed after 0:00:09!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_oracle.py", line 44, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=dele
te_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    _os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp
/tmpbmr4bjia'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>_

```

Dalam menjalan sourcodenya fungsi tersebut eror.

Gambar 16. Fungsi dari run_sumbasic.py



```
return run_evaluation(model)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=delete_temps)
File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 196, in set_command
    self.make_xml()
File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    _os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp/tmpkbbz_kfh'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>python run_sumbasic.py evaluate with corpus.test=indosum/test.01.jsonl
WARNING - summarization-sumbasic-testrun - No observers have been added to this run
INFO - summarization-sumbasic-testrun - Running command 'evaluate'
INFO - summarization-sumbasic-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Local\Temp\tmpfwk1hoie
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Local\Temp\tmpf2wpyq4f
ERROR - summarization-sumbasic-testrun - Failed after 0:00:15!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_sumbasic.py", line 44, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=delete_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrouge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    _os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp/tmpdth8gvn_'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\indosum-master>
```

Terjadi eror saat menjalankan program dikarenakan terdapat path yang tidak support dalam environment tersebut.

Gambar 17. Fungsi dari run_textrank.py

```

Administrator: C:\Windows\system32\cmd.exe
(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_textrank.py
WARNING - summarization-textrank-testrun - No observers have been added to this
run
INFO - summarization-textrank-testrun - Running command 'evaluate'
INFO - summarization-textrank-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from test.jsonl
ERROR - summarization-textrank-testrun - Failed after 0:00:00!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_textrank.py", line 59, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 51, in run_evaluation
    docs = list(read_fn())
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\corpus.py", line 62, in read_test_jsonl
    yield from read_jsonl(test, name='test')
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\corpus.py", line 73, in read_jsonl
    with open(path, encoding=encoding) as f:
FileNotFoundError: [Errno 2] No such file or directory: 'test.jsonl'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>python run_textrank.py evaluate with corpus.test=indosum/test.01.
jsonl
WARNING - summarization-textrank-testrun - No observers have been added to this
run
INFO - summarization-textrank-testrun - Running command 'evaluate'
INFO - summarization-textrank-testrun - Started
INFO - corpus.read_jsonl - Reading test JSONL file from indosum/test.01.jsonl
INFO - eval.run_evaluation - References directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmpqghug6d2
INFO - eval.run_evaluation - Hypotheses directory: C:\Users\HPELIT~1\AppData\Loc
al\Temp\tmp514tew4k
ERROR - summarization-textrank-testrun - Failed after 0:01:22!
Traceback (most recent calls WITHOUT Sacred internals):
  File "run_textrank.py", line 59, in evaluate
    return run_evaluation(model)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\ingredients\evaluation.py", line 55, in run_evaluation
    summaries, docs, logger=_log, encoding=corpus['encoding'], delete_temps=dele
te_temps)
  File "D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\in
dosum-master\utils.py", line 68, in eval_summaries
    score = rouge.calc_score()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 333, in calc_score
    rouge_cmd = self.set_command()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 196, in set_command
    self.make_xml()
  File "D:\program\anaconda\envs\summary\lib\site-packages\pythonrouge\pythonrou
ge.py", line 141, in make_xml
    tmp_dir = mkdtemp(dir=self.xml_dir)
  File "D:\program\anaconda\envs\summary\lib\tempfile.py", line 368, in mkdtemp
    _os.mkdir(file, 0o700)
FileNotFoundError: [WinError 3] The system cannot find the path specified: '/tmp
/tmpvum_yw7_k'

(summary) D:\universitas lampung\Semester 6\proyek khusus\indsum\indosum-master\
indosum-master>_

```

Terjadi eror yang sama saat menjalankan program, dikarenakan environment terdapat masalah eror.