

# 5\_Regresión+Logística+-+Detección+de+SPAM (1)

September 17, 2025

## 1 Regresión Logística: Detección de SPAM

En este ejercicio se muestran los fundamentos de la Regresión Logística planteando uno de los primeros problemas que fueron solucionados mediante el uso de técnicas de Machine Learning: la detección de SPAM.

### 1.1 Enunciado del ejercicio

Se propone la construcción de un sistema de aprendizaje automático capaz de predecir si un correo determinado se corresponde con un correo de SPAM o no, para ello, se utilizará el siguiente conjunto de datos:

**2007 TREC Public Spam Corpus** The corpus trec07p contains 75,419 messages:

25220 ham  
50199 spam

These messages constitute all the messages delivered to a particular server between these dates:

Sun, 8 Apr 2007 13:07:21 -0400  
Fri, 6 Jul 2007 07:04:53 -0400

#### 1.1.1 0. Imports

```
[1]: # Instalación de librerías externas
!pip install scikit-learn
!pip install nltk
```

```
Requirement already satisfied: scikit-learn in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (1.4.0)
Requirement already satisfied: numpy<2.0,>=1.19.5 in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from scikit-
learn) (1.26.3)
Requirement already satisfied: scipy>=1.6.0 in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from scikit-
learn) (1.12.0)
Requirement already satisfied: joblib>=1.2.0 in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from scikit-
learn) (1.3.2)
Requirement already satisfied: threadpoolctl>=2.0.0 in
```

```

c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from scikit-learn) (3.2.0)
Requirement already satisfied: nltk in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (3.8.1)
Requirement already satisfied: click in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from nltk) (8.1.7)
Requirement already satisfied: joblib in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from nltk) (1.3.2)
Requirement already satisfied: regex>=2021.8.3 in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from nltk) (2023.12.25)
Requirement already satisfied: tqdm in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from nltk) (4.66.1)
Requirement already satisfied: colorama in
c:\users\santiago\anaconda3\envs\machinelearning\lib\site-packages (from click->nltk) (0.4.6)

```

### 1.1.2 1. Funciones complementarias

En este caso práctico relacionado con la detección de correos electrónicos de SPAM, el conjunto de datos que disponemos esta formado por correos electrónicos, con sus correspondientes cabeceras y campos adicionales. Por lo tanto, requieren un preprocesamiento previo a que sean ingeridos por el algoritmo de Machine Learning.

```

[2]: # Esta clase facilita el preprocesamiento de correos electrónicos que poseen
      ↪ código HTML
from html.parser import HTMLParser

class MLStripper(HTMLParser):
    def __init__(self):
        self.reset()
        self.strict = False
        self.convert_charrefs = True
        self.fed = []

    def handle_data(self, d):
        self.fed.append(d)

    def get_data(self):
        return ''.join(self.fed)

```

```

[3]: # Esta función se encarga de eliminar los tags HTML que se encuentren en el texto
      ↪ del correo electrónico
def strip_tags(html):
    s = MLStripper()

```

```
s.feed(html)
return s.get_data()
```

```
[4]: # Ejemplo de eliminación de los tags HTML de un texto
t = '<tr><td align="left"><a href="../../issues/51/16.html#article">Phrack_
↪World News</a></td>'
strip_tags(t)
```

```
[4]: 'Phrack World News'
```

Además de eliminar los posibles tags HTML que se encuentren en el correo electrónico, deben realizarse otras acciones de preprocesamiento para evitar que los mensajes contengan ruido innecesario. Entre ellas se encuentra la eliminación de los signos de puntuación, eliminación de posibles campos del correo electrónico que no son relevantes o eliminación de los afijos de una palabra manteniendo únicamente la raíz de la misma (Stemming). La clase que se muestra a continuación realiza estas transformaciones.

```
[5]: import email
import string
import nltk
nltk.download('stopwords')

class Parser:

    def __init__(self):
        self.stemmer = nltk.PorterStemmer()
        self.stopwords = set(nltk.corpus.stopwords.words('english'))
        self.punctuation = list(string.punctuation)

    def parse(self, email_path):
        """Parse an email."""
        with open(email_path, errors='ignore') as e:
            msg = email.message_from_file(e)
            return None if not msg else self.get_email_content(msg)

    def get_email_content(self, msg):
        """Extract the email content."""
        subject = self.tokenize(msg['Subject']) if msg['Subject'] else []
        body = self.get_email_body(msg.get_payload(),
                                   msg.get_content_type())
        content_type = msg.get_content_type()
        # Returning the content of the email
        return {"subject": subject,
                "body": body,
                "content_type": content_type}

    def get_email_body(self, payload, content_type):
        """Extract the body of the email."""
```

```

body = []
if type(payload) is str and content_type == 'text/plain':
    return self.tokenize(payload)
elif type(payload) is str and content_type == 'text/html':
    return self.tokenize(strip_tags(payload))
elif type(payload) is list:
    for p in payload:
        body += self.get_email_body(p.get_payload(),
                                    p.get_content_type())

return body

def tokenize(self, text):
    """Transform a text string in tokens. Perform two main actions,
    clean the punctuation symbols and do stemming of the text."""
    for c in self.punctuation:
        text = text.replace(c, "")
    text = text.replace("\t", " ")
    text = text.replace("\n", " ")
    tokens = list(filter(None, text.split(" ")))
    # Stemming of the tokens
    return [self.stemmer.stem(w) for w in tokens if w not in self.stopwords]

```

```

[nltk_data] Downloading package stopwords to
[nltk_data] C:\Users\santiago\AppData\Roaming\nltk_data...
[nltk_data] Package stopwords is already up-to-date!

```

### Lectura de un correo en formato raw

```

[6]: inmail = open("datasets/trec07p/data/inmail.1").read()
print(inmail)

```

```

From RickyAmes@aol.com Sun Apr 8 13:07:32 2007
Return-Path: <RickyAmes@aol.com>
Received: from 129.97.78.23 ([211.202.101.74])
    by speedy.uwaterloo.ca (8.12.8/8.12.5) with SMTP id 138H7G0I003017;
    Sun, 8 Apr 2007 13:07:21 -0400
Received: from 0.144.152.6 by 211.202.101.74; Sun, 08 Apr 2007 19:04:48 +0100
Message-ID: <WYADCKPDFWWTWTXNFBUE@yahoo.com>
From: "Tomas Jacobs" <RickyAmes@aol.com>
Reply-To: "Tomas Jacobs" <RickyAmes@aol.com>
To: the00@speedy.uwaterloo.ca
Subject: Generic Cialis, branded quality@
Date: Sun, 08 Apr 2007 21:00:48 +0300
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
MIME-Version: 1.0
Content-Type: multipart/alternative;
    boundary="--8896484051606557286"
X-Priority: 3
X-MSMail-Priority: Normal

```

Status: R0  
Content-Length: 988  
Lines: 24

-----8896484051606557286  
Content-Type: text/html;  
Content-Transfer-Encoding: 7Bit

```
<html>
<body bgcolor="#ffffff">
<div style="border-color: #00FFFF; border-right-width: 0px; border-bottom-width:
0px; margin-bottom: 0px;" align="center">
<table style="border: 1px; border-style: solid; border-color:#000000;"
cellpadding="5" cellspacing="0" bgcolor="#CCFFAA">
<tr>
<td style="border: 0px; border-bottom: 1px; border-style: solid; border-
color:#000000;">
<center>
Do you feel the pressure to perform and not rising to the occasion??<br>
</center>
</td></tr><tr>
<td bgcolor=#FFFF33 style="border: 0px; border-bottom: 1px; border-style: solid;
border-color:#000000;">
<center>

<b><a href='http://excoriationtuh.com/?lzmfnrdkleks'>Try
<span>V</span><span>ia<span></span>gr<span>a</span>...</a></b></center>
</td></tr><td><center>your anxiety will be a thing of the past and you will<br>
be back to your old self.
</center></td></tr></table></div></body></html>
```

-----8896484051606557286--

### Parsing del correo electrónico

```
[7]: p = Parser()
p.parse("datasets/trec07p/data/inmail.1")
```

```
[7]: {'subject': ['gener', 'ciali', 'brand', 'qualiti'],
      'body': ['do',
               'feel',
               'pressur',
               'perform',
               'rise',
               'occas',
```

```

'tri',
'viagra',
'anxieti',
'thing',
'past',
'back',
'old',
'self'],
'content_type': 'multipart/alternative'}

```

**Lectura del índice** Estas funciones complementarias se encargan cargar en memoria la ruta de cada correo electrónico y su etiqueta correspondiente {spam, ham}

```

[8]: index = open("datasets/trec07p/full/index").readlines()
index

```

```

[8]: ['spam ../data/inmail.1\n',
      'ham ../data/inmail.2\n',
      'spam ../data/inmail.3\n',
      'spam ../data/inmail.4\n',
      'spam ../data/inmail.5\n',
      'spam ../data/inmail.6\n',
      'spam ../data/inmail.7\n',
      'spam ../data/inmail.8\n',
      'spam ../data/inmail.9\n',
      'ham ../data/inmail.10\n',
      'spam ../data/inmail.11\n',
      'spam ../data/inmail.12\n',
      'spam ../data/inmail.13\n',
      'spam ../data/inmail.14\n',
      'spam ../data/inmail.15\n',
      'spam ../data/inmail.16\n',
      'spam ../data/inmail.17\n',
      'spam ../data/inmail.18\n',
      'spam ../data/inmail.19\n',
      'ham ../data/inmail.20\n',
      'ham ../data/inmail.21\n',
      'spam ../data/inmail.22\n',
      'spam ../data/inmail.23\n',
      'spam ../data/inmail.24\n',
      'spam ../data/inmail.25\n',
      'spam ../data/inmail.26\n',
      'spam ../data/inmail.27\n',
      'spam ../data/inmail.28\n',
      'ham ../data/inmail.29\n',
      'spam ../data/inmail.30\n',
      'ham ../data/inmail.31\n',

```

'spam ../data/inmail.32\n',  
'spam ../data/inmail.33\n',  
'ham ../data/inmail.34\n',  
'spam ../data/inmail.35\n',  
'spam ../data/inmail.36\n',  
'spam ../data/inmail.37\n',  
'spam ../data/inmail.38\n',  
'spam ../data/inmail.39\n',  
'spam ../data/inmail.40\n',  
'spam ../data/inmail.41\n',  
'spam ../data/inmail.42\n',  
'spam ../data/inmail.43\n',  
'spam ../data/inmail.44\n',  
'spam ../data/inmail.45\n',  
'spam ../data/inmail.46\n',  
'spam ../data/inmail.47\n',  
'spam ../data/inmail.48\n',  
'ham ../data/inmail.49\n',  
'ham ../data/inmail.50\n',  
'spam ../data/inmail.51\n',  
'spam ../data/inmail.52\n',  
'spam ../data/inmail.53\n',  
'spam ../data/inmail.54\n',  
'spam ../data/inmail.55\n',  
'spam ../data/inmail.56\n',  
'ham ../data/inmail.57\n',  
'spam ../data/inmail.58\n',  
'ham ../data/inmail.59\n',  
'spam ../data/inmail.60\n',  
'spam ../data/inmail.61\n',  
'ham ../data/inmail.62\n',  
'spam ../data/inmail.63\n',  
'spam ../data/inmail.64\n',  
'spam ../data/inmail.65\n',  
'ham ../data/inmail.66\n',  
'ham ../data/inmail.67\n',  
'spam ../data/inmail.68\n',  
'spam ../data/inmail.69\n',  
'spam ../data/inmail.70\n',  
'ham ../data/inmail.71\n',  
'ham ../data/inmail.72\n',  
'ham ../data/inmail.73\n',  
'spam ../data/inmail.74\n',  
'ham ../data/inmail.75\n',  
'spam ../data/inmail.76\n',  
'ham ../data/inmail.77\n',  
'spam ../data/inmail.78\n',

'spam ../data/inmail.79\n',  
'spam ../data/inmail.80\n',  
'ham ../data/inmail.81\n',  
'spam ../data/inmail.82\n',  
'spam ../data/inmail.83\n',  
'ham ../data/inmail.84\n',  
'spam ../data/inmail.85\n',  
'ham ../data/inmail.86\n',  
'spam ../data/inmail.87\n',  
'spam ../data/inmail.88\n',  
'ham ../data/inmail.89\n',  
'spam ../data/inmail.90\n',  
'spam ../data/inmail.91\n',  
'spam ../data/inmail.92\n',  
'spam ../data/inmail.93\n',  
'spam ../data/inmail.94\n',  
'spam ../data/inmail.95\n',  
'spam ../data/inmail.96\n',  
'spam ../data/inmail.97\n',  
'spam ../data/inmail.98\n',  
'spam ../data/inmail.99\n',  
'spam ../data/inmail.100\n',  
'spam ../data/inmail.101\n',  
'spam ../data/inmail.102\n',  
'spam ../data/inmail.103\n',  
'spam ../data/inmail.104\n',  
'spam ../data/inmail.105\n',  
'spam ../data/inmail.106\n',  
'spam ../data/inmail.107\n',  
'spam ../data/inmail.108\n',  
'spam ../data/inmail.109\n',  
'spam ../data/inmail.110\n',  
'ham ../data/inmail.111\n',  
'spam ../data/inmail.112\n',  
'spam ../data/inmail.113\n',  
'spam ../data/inmail.114\n',  
'spam ../data/inmail.115\n',  
'spam ../data/inmail.116\n',  
'ham ../data/inmail.117\n',  
'spam ../data/inmail.118\n',  
'spam ../data/inmail.119\n',  
'spam ../data/inmail.120\n',  
'spam ../data/inmail.121\n',  
'spam ../data/inmail.122\n',  
'spam ../data/inmail.123\n',  
'ham ../data/inmail.124\n',  
'spam ../data/inmail.125\n',



'spam ../data/inmail.126\n',  
'ham ../data/inmail.127\n',  
'spam ../data/inmail.128\n',  
'spam ../data/inmail.129\n',  
'ham ../data/inmail.130\n',  
'spam ../data/inmail.131\n',  
'spam ../data/inmail.132\n',  
'spam ../data/inmail.133\n',  
'spam ../data/inmail.134\n',  
'spam ../data/inmail.135\n',  
'spam ../data/inmail.136\n',  
'spam ../data/inmail.137\n',  
'spam ../data/inmail.138\n',  
'spam ../data/inmail.139\n',  
'spam ../data/inmail.140\n',  
'spam ../data/inmail.141\n',  
'spam ../data/inmail.142\n',  
'spam ../data/inmail.143\n',  
'spam ../data/inmail.144\n',  
'spam ../data/inmail.145\n',  
'spam ../data/inmail.146\n',  
'spam ../data/inmail.147\n',  
'spam ../data/inmail.148\n',  
'spam ../data/inmail.149\n',  
'spam ../data/inmail.150\n',  
'spam ../data/inmail.151\n',  
'ham ../data/inmail.152\n',  
'spam ../data/inmail.153\n',  
'spam ../data/inmail.154\n',  
'spam ../data/inmail.155\n',  
'spam ../data/inmail.156\n',  
'spam ../data/inmail.157\n',  
'spam ../data/inmail.158\n',  
'spam ../data/inmail.159\n',  
'spam ../data/inmail.160\n',  
'spam ../data/inmail.161\n',  
'spam ../data/inmail.162\n',  
'spam ../data/inmail.163\n',  
'ham ../data/inmail.164\n',  
'ham ../data/inmail.165\n',  
'spam ../data/inmail.166\n',  
'spam ../data/inmail.167\n',  
'ham ../data/inmail.168\n',  
'spam ../data/inmail.169\n',  
'spam ../data/inmail.170\n',  
'ham ../data/inmail.171\n',  
'spam ../data/inmail.172\n',

'spam ../data/inmail.173\n',  
'spam ../data/inmail.174\n',  
'spam ../data/inmail.175\n',  
'spam ../data/inmail.176\n',  
'spam ../data/inmail.177\n',  
'spam ../data/inmail.178\n',  
'spam ../data/inmail.179\n',  
'spam ../data/inmail.180\n',  
'spam ../data/inmail.181\n',  
'spam ../data/inmail.182\n',  
'spam ../data/inmail.183\n',  
'spam ../data/inmail.184\n',  
'spam ../data/inmail.185\n',  
'spam ../data/inmail.186\n',  
'spam ../data/inmail.187\n',  
'spam ../data/inmail.188\n',  
'spam ../data/inmail.189\n',  
'spam ../data/inmail.190\n',  
'spam ../data/inmail.191\n',  
'spam ../data/inmail.192\n',  
'ham ../data/inmail.193\n',  
'spam ../data/inmail.194\n',  
'spam ../data/inmail.195\n',  
'spam ../data/inmail.196\n',  
'spam ../data/inmail.197\n',  
'spam ../data/inmail.198\n',  
'spam ../data/inmail.199\n',  
'spam ../data/inmail.200\n',  
'spam ../data/inmail.201\n',  
'spam ../data/inmail.202\n',  
'spam ../data/inmail.203\n',  
'spam ../data/inmail.204\n',  
'spam ../data/inmail.205\n',  
'spam ../data/inmail.206\n',  
'ham ../data/inmail.207\n',  
'spam ../data/inmail.208\n',  
'spam ../data/inmail.209\n',  
'spam ../data/inmail.210\n',  
'spam ../data/inmail.211\n',  
'spam ../data/inmail.212\n',  
'spam ../data/inmail.213\n',  
'spam ../data/inmail.214\n',  
'spam ../data/inmail.215\n',  
'spam ../data/inmail.216\n',  
'ham ../data/inmail.217\n',  
'spam ../data/inmail.218\n',  
'spam ../data/inmail.219\n',

'spam ../data/inmail.220\n',  
'spam ../data/inmail.221\n',  
'spam ../data/inmail.222\n',  
'spam ../data/inmail.223\n',  
'spam ../data/inmail.224\n',  
'spam ../data/inmail.225\n',  
'spam ../data/inmail.226\n',  
'spam ../data/inmail.227\n',  
'spam ../data/inmail.228\n',  
'spam ../data/inmail.229\n',  
'spam ../data/inmail.230\n',  
'spam ../data/inmail.231\n',  
'spam ../data/inmail.232\n',  
'spam ../data/inmail.233\n',  
'spam ../data/inmail.234\n',  
'ham ../data/inmail.235\n',  
'ham ../data/inmail.236\n',  
'spam ../data/inmail.237\n',  
'ham ../data/inmail.238\n',  
'spam ../data/inmail.239\n',  
'spam ../data/inmail.240\n',  
'ham ../data/inmail.241\n',  
'spam ../data/inmail.242\n',  
'spam ../data/inmail.243\n',  
'spam ../data/inmail.244\n',  
'spam ../data/inmail.245\n',  
'spam ../data/inmail.246\n',  
'ham ../data/inmail.247\n',  
'ham ../data/inmail.248\n',  
'spam ../data/inmail.249\n',  
'spam ../data/inmail.250\n',  
'spam ../data/inmail.251\n',  
'spam ../data/inmail.252\n',  
'spam ../data/inmail.253\n',  
'spam ../data/inmail.254\n',  
'spam ../data/inmail.255\n',  
'spam ../data/inmail.256\n',  
'spam ../data/inmail.257\n',  
'spam ../data/inmail.258\n',  
'spam ../data/inmail.259\n',  
'spam ../data/inmail.260\n',  
'ham ../data/inmail.261\n',  
'spam ../data/inmail.262\n',  
'ham ../data/inmail.263\n',  
'spam ../data/inmail.264\n',  
'spam ../data/inmail.265\n',  
'spam ../data/inmail.266\n',

'spam ../data/inmail.267\n',  
'spam ../data/inmail.268\n',  
'spam ../data/inmail.269\n',  
'spam ../data/inmail.270\n',  
'spam ../data/inmail.271\n',  
'ham ../data/inmail.272\n',  
'spam ../data/inmail.273\n',  
'spam ../data/inmail.274\n',  
'spam ../data/inmail.275\n',  
'spam ../data/inmail.276\n',  
'spam ../data/inmail.277\n',  
'spam ../data/inmail.278\n',  
'spam ../data/inmail.279\n',  
'spam ../data/inmail.280\n',  
'ham ../data/inmail.281\n',  
'ham ../data/inmail.282\n',  
'ham ../data/inmail.283\n',  
'spam ../data/inmail.284\n',  
'spam ../data/inmail.285\n',  
'spam ../data/inmail.286\n',  
'spam ../data/inmail.287\n',  
'spam ../data/inmail.288\n',  
'spam ../data/inmail.289\n',  
'spam ../data/inmail.290\n',  
'ham ../data/inmail.291\n',  
'spam ../data/inmail.292\n',  
'spam ../data/inmail.293\n',  
'ham ../data/inmail.294\n',  
'spam ../data/inmail.295\n',  
'spam ../data/inmail.296\n',  
'spam ../data/inmail.297\n',  
'ham ../data/inmail.298\n',  
'ham ../data/inmail.299\n',  
'spam ../data/inmail.300\n',  
'spam ../data/inmail.301\n',  
'ham ../data/inmail.302\n',  
'ham ../data/inmail.303\n',  
'spam ../data/inmail.304\n',  
'spam ../data/inmail.305\n',  
'spam ../data/inmail.306\n',  
'spam ../data/inmail.307\n',  
'spam ../data/inmail.308\n',  
'ham ../data/inmail.309\n',  
'spam ../data/inmail.310\n',  
'ham ../data/inmail.311\n',  
'spam ../data/inmail.312\n',  
'ham ../data/inmail.313\n',

'ham ../data/inmail.314\n',  
'spam ../data/inmail.315\n',  
'spam ../data/inmail.316\n',  
'spam ../data/inmail.317\n',  
'spam ../data/inmail.318\n',  
'spam ../data/inmail.319\n',  
'spam ../data/inmail.320\n',  
'spam ../data/inmail.321\n',  
'spam ../data/inmail.322\n',  
'spam ../data/inmail.323\n',  
'spam ../data/inmail.324\n',  
'spam ../data/inmail.325\n',  
'spam ../data/inmail.326\n',  
'spam ../data/inmail.327\n',  
'spam ../data/inmail.328\n',  
'spam ../data/inmail.329\n',  
'spam ../data/inmail.330\n',  
'spam ../data/inmail.331\n',  
'ham ../data/inmail.332\n',  
'spam ../data/inmail.333\n',  
'spam ../data/inmail.334\n',  
'spam ../data/inmail.335\n',  
'spam ../data/inmail.336\n',  
'spam ../data/inmail.337\n',  
'spam ../data/inmail.338\n',  
'ham ../data/inmail.339\n',  
'spam ../data/inmail.340\n',  
'ham ../data/inmail.341\n',  
'spam ../data/inmail.342\n',  
'spam ../data/inmail.343\n',  
'spam ../data/inmail.344\n',  
'spam ../data/inmail.345\n',  
'ham ../data/inmail.346\n',  
'spam ../data/inmail.347\n',  
'spam ../data/inmail.348\n',  
'spam ../data/inmail.349\n',  
'spam ../data/inmail.350\n',  
'ham ../data/inmail.351\n',  
'ham ../data/inmail.352\n',  
'spam ../data/inmail.353\n',  
'spam ../data/inmail.354\n',  
'spam ../data/inmail.355\n',  
'ham ../data/inmail.356\n',  
'spam ../data/inmail.357\n',  
'spam ../data/inmail.358\n',  
'spam ../data/inmail.359\n',  
'spam ../data/inmail.360\n',

'ham ../data/inmail.361\n',  
'spam ../data/inmail.362\n',  
'spam ../data/inmail.363\n',  
'spam ../data/inmail.364\n',  
'spam ../data/inmail.365\n',  
'spam ../data/inmail.366\n',  
'spam ../data/inmail.367\n',  
'spam ../data/inmail.368\n',  
'spam ../data/inmail.369\n',  
'spam ../data/inmail.370\n',  
'spam ../data/inmail.371\n',  
'spam ../data/inmail.372\n',  
'spam ../data/inmail.373\n',  
'spam ../data/inmail.374\n',  
'spam ../data/inmail.375\n',  
'spam ../data/inmail.376\n',  
'spam ../data/inmail.377\n',  
'spam ../data/inmail.378\n',  
'spam ../data/inmail.379\n',  
'spam ../data/inmail.380\n',  
'spam ../data/inmail.381\n',  
'spam ../data/inmail.382\n',  
'spam ../data/inmail.383\n',  
'spam ../data/inmail.384\n',  
'spam ../data/inmail.385\n',  
'spam ../data/inmail.386\n',  
'spam ../data/inmail.387\n',  
'spam ../data/inmail.388\n',  
'spam ../data/inmail.389\n',  
'spam ../data/inmail.390\n',  
'spam ../data/inmail.391\n',  
'spam ../data/inmail.392\n',  
'ham ../data/inmail.393\n',  
'ham ../data/inmail.394\n',  
'ham ../data/inmail.395\n',  
'spam ../data/inmail.396\n',  
'spam ../data/inmail.397\n',  
'spam ../data/inmail.398\n',  
'spam ../data/inmail.399\n',  
'spam ../data/inmail.400\n',  
'spam ../data/inmail.401\n',  
'ham ../data/inmail.402\n',  
'spam ../data/inmail.403\n',  
'spam ../data/inmail.404\n',  
'spam ../data/inmail.405\n',  
'spam ../data/inmail.406\n',  
'spam ../data/inmail.407\n',

'spam ../data/inmail.408\n',  
'spam ../data/inmail.409\n',  
'spam ../data/inmail.410\n',  
'spam ../data/inmail.411\n',  
'spam ../data/inmail.412\n',  
'spam ../data/inmail.413\n',  
'spam ../data/inmail.414\n',  
'spam ../data/inmail.415\n',  
'spam ../data/inmail.416\n',  
'spam ../data/inmail.417\n',  
'spam ../data/inmail.418\n',  
'spam ../data/inmail.419\n',  
'spam ../data/inmail.420\n',  
'spam ../data/inmail.421\n',  
'spam ../data/inmail.422\n',  
'spam ../data/inmail.423\n',  
'spam ../data/inmail.424\n',  
'spam ../data/inmail.425\n',  
'spam ../data/inmail.426\n',  
'spam ../data/inmail.427\n',  
'spam ../data/inmail.428\n',  
'spam ../data/inmail.429\n',  
'spam ../data/inmail.430\n',  
'spam ../data/inmail.431\n',  
'spam ../data/inmail.432\n',  
'spam ../data/inmail.433\n',  
'spam ../data/inmail.434\n',  
'spam ../data/inmail.435\n',  
'spam ../data/inmail.436\n',  
'spam ../data/inmail.437\n',  
'spam ../data/inmail.438\n',  
'spam ../data/inmail.439\n',  
'spam ../data/inmail.440\n',  
'spam ../data/inmail.441\n',  
'spam ../data/inmail.442\n',  
'spam ../data/inmail.443\n',  
'spam ../data/inmail.444\n',  
'spam ../data/inmail.445\n',  
'spam ../data/inmail.446\n',  
'spam ../data/inmail.447\n',  
'spam ../data/inmail.448\n',  
'spam ../data/inmail.449\n',  
'spam ../data/inmail.450\n',  
'spam ../data/inmail.451\n',  
'ham ../data/inmail.452\n',  
'spam ../data/inmail.453\n',  
'spam ../data/inmail.454\n',

'spam ../data/inmail.455\n',  
'spam ../data/inmail.456\n',  
'spam ../data/inmail.457\n',  
'spam ../data/inmail.458\n',  
'spam ../data/inmail.459\n',  
'spam ../data/inmail.460\n',  
'ham ../data/inmail.461\n',  
'ham ../data/inmail.462\n',  
'spam ../data/inmail.463\n',  
'ham ../data/inmail.464\n',  
'spam ../data/inmail.465\n',  
'spam ../data/inmail.466\n',  
'ham ../data/inmail.467\n',  
'ham ../data/inmail.468\n',  
'spam ../data/inmail.469\n',  
'spam ../data/inmail.470\n',  
'spam ../data/inmail.471\n',  
'spam ../data/inmail.472\n',  
'spam ../data/inmail.473\n',  
'ham ../data/inmail.474\n',  
'spam ../data/inmail.475\n',  
'spam ../data/inmail.476\n',  
'ham ../data/inmail.477\n',  
'ham ../data/inmail.478\n',  
'spam ../data/inmail.479\n',  
'spam ../data/inmail.480\n',  
'spam ../data/inmail.481\n',  
'spam ../data/inmail.482\n',  
'ham ../data/inmail.483\n',  
'spam ../data/inmail.484\n',  
'ham ../data/inmail.485\n',  
'spam ../data/inmail.486\n',  
'spam ../data/inmail.487\n',  
'spam ../data/inmail.488\n',  
'spam ../data/inmail.489\n',  
'ham ../data/inmail.490\n',  
'spam ../data/inmail.491\n',  
'ham ../data/inmail.492\n',  
'spam ../data/inmail.493\n',  
'ham ../data/inmail.494\n',  
'spam ../data/inmail.495\n',  
'ham ../data/inmail.496\n',  
'spam ../data/inmail.497\n',  
'spam ../data/inmail.498\n',  
'ham ../data/inmail.499\n',  
'spam ../data/inmail.500\n',  
'ham ../data/inmail.501\n',



'ham ../data/inmail.502\n',  
'spam ../data/inmail.503\n',  
'spam ../data/inmail.504\n',  
'spam ../data/inmail.505\n',  
'ham ../data/inmail.506\n',  
'spam ../data/inmail.507\n',  
'spam ../data/inmail.508\n',  
'spam ../data/inmail.509\n',  
'spam ../data/inmail.510\n',  
'spam ../data/inmail.511\n',  
'spam ../data/inmail.512\n',  
'spam ../data/inmail.513\n',  
'spam ../data/inmail.514\n',  
'spam ../data/inmail.515\n',  
'spam ../data/inmail.516\n',  
'spam ../data/inmail.517\n',  
'spam ../data/inmail.518\n',  
'spam ../data/inmail.519\n',  
'spam ../data/inmail.520\n',  
'spam ../data/inmail.521\n',  
'spam ../data/inmail.522\n',  
'spam ../data/inmail.523\n',  
'ham ../data/inmail.524\n',  
'ham ../data/inmail.525\n',  
'spam ../data/inmail.526\n',  
'spam ../data/inmail.527\n',  
'spam ../data/inmail.528\n',  
'spam ../data/inmail.529\n',  
'spam ../data/inmail.530\n',  
'spam ../data/inmail.531\n',  
'ham ../data/inmail.532\n',  
'ham ../data/inmail.533\n',  
'spam ../data/inmail.534\n',  
'spam ../data/inmail.535\n',  
'ham ../data/inmail.536\n',  
'spam ../data/inmail.537\n',  
'spam ../data/inmail.538\n',  
'spam ../data/inmail.539\n',  
'ham ../data/inmail.540\n',  
'ham ../data/inmail.541\n',  
'spam ../data/inmail.542\n',  
'spam ../data/inmail.543\n',  
'ham ../data/inmail.544\n',  
'spam ../data/inmail.545\n',  
'spam ../data/inmail.546\n',  
'ham ../data/inmail.547\n',  
'spam ../data/inmail.548\n',

'spam ../data/inmail.549\n',  
'spam ../data/inmail.550\n',  
'spam ../data/inmail.551\n',  
'spam ../data/inmail.552\n',  
'spam ../data/inmail.553\n',  
'spam ../data/inmail.554\n',  
'ham ../data/inmail.555\n',  
'spam ../data/inmail.556\n',  
'spam ../data/inmail.557\n',  
'spam ../data/inmail.558\n',  
'spam ../data/inmail.559\n',  
'spam ../data/inmail.560\n',  
'spam ../data/inmail.561\n',  
'spam ../data/inmail.562\n',  
'ham ../data/inmail.563\n',  
'spam ../data/inmail.564\n',  
'spam ../data/inmail.565\n',  
'spam ../data/inmail.566\n',  
'spam ../data/inmail.567\n',  
'spam ../data/inmail.568\n',  
'spam ../data/inmail.569\n',  
'spam ../data/inmail.570\n',  
'spam ../data/inmail.571\n',  
'spam ../data/inmail.572\n',  
'spam ../data/inmail.573\n',  
'spam ../data/inmail.574\n',  
'spam ../data/inmail.575\n',  
'spam ../data/inmail.576\n',  
'spam ../data/inmail.577\n',  
'spam ../data/inmail.578\n',  
'spam ../data/inmail.579\n',  
'spam ../data/inmail.580\n',  
'spam ../data/inmail.581\n',  
'spam ../data/inmail.582\n',  
'ham ../data/inmail.583\n',  
'spam ../data/inmail.584\n',  
'ham ../data/inmail.585\n',  
'spam ../data/inmail.586\n',  
'spam ../data/inmail.587\n',  
'spam ../data/inmail.588\n',  
'spam ../data/inmail.589\n',  
'spam ../data/inmail.590\n',  
'spam ../data/inmail.591\n',  
'spam ../data/inmail.592\n',  
'ham ../data/inmail.593\n',  
'spam ../data/inmail.594\n',  
'spam ../data/inmail.595\n',

'spam ../data/inmail.596\n',  
'spam ../data/inmail.597\n',  
'spam ../data/inmail.598\n',  
'spam ../data/inmail.599\n',  
'spam ../data/inmail.600\n',  
'ham ../data/inmail.601\n',  
'spam ../data/inmail.602\n',  
'spam ../data/inmail.603\n',  
'spam ../data/inmail.604\n',  
'spam ../data/inmail.605\n',  
'spam ../data/inmail.606\n',  
'spam ../data/inmail.607\n',  
'spam ../data/inmail.608\n',  
'spam ../data/inmail.609\n',  
'spam ../data/inmail.610\n',  
'spam ../data/inmail.611\n',  
'spam ../data/inmail.612\n',  
'spam ../data/inmail.613\n',  
'spam ../data/inmail.614\n',  
'spam ../data/inmail.615\n',  
'spam ../data/inmail.616\n',  
'spam ../data/inmail.617\n',  
'spam ../data/inmail.618\n',  
'spam ../data/inmail.619\n',  
'spam ../data/inmail.620\n',  
'spam ../data/inmail.621\n',  
'spam ../data/inmail.622\n',  
'spam ../data/inmail.623\n',  
'spam ../data/inmail.624\n',  
'spam ../data/inmail.625\n',  
'spam ../data/inmail.626\n',  
'spam ../data/inmail.627\n',  
'spam ../data/inmail.628\n',  
'spam ../data/inmail.629\n',  
'spam ../data/inmail.630\n',  
'spam ../data/inmail.631\n',  
'spam ../data/inmail.632\n',  
'spam ../data/inmail.633\n',  
'spam ../data/inmail.634\n',  
'spam ../data/inmail.635\n',  
'spam ../data/inmail.636\n',  
'spam ../data/inmail.637\n',  
'spam ../data/inmail.638\n',  
'spam ../data/inmail.639\n',  
'ham ../data/inmail.640\n',  
'ham ../data/inmail.641\n',  
'ham ../data/inmail.642\n',

'spam ../data/inmail.643\n',  
'ham ../data/inmail.644\n',  
'ham ../data/inmail.645\n',  
'spam ../data/inmail.646\n',  
'ham ../data/inmail.647\n',  
'ham ../data/inmail.648\n',  
'spam ../data/inmail.649\n',  
'spam ../data/inmail.650\n',  
'spam ../data/inmail.651\n',  
'spam ../data/inmail.652\n',  
'spam ../data/inmail.653\n',  
'spam ../data/inmail.654\n',  
'spam ../data/inmail.655\n',  
'spam ../data/inmail.656\n',  
'spam ../data/inmail.657\n',  
'ham ../data/inmail.658\n',  
'ham ../data/inmail.659\n',  
'ham ../data/inmail.660\n',  
'ham ../data/inmail.661\n',  
'spam ../data/inmail.662\n',  
'spam ../data/inmail.663\n',  
'spam ../data/inmail.664\n',  
'ham ../data/inmail.665\n',  
'spam ../data/inmail.666\n',  
'spam ../data/inmail.667\n',  
'spam ../data/inmail.668\n',  
'spam ../data/inmail.669\n',  
'spam ../data/inmail.670\n',  
'ham ../data/inmail.671\n',  
'spam ../data/inmail.672\n',  
'spam ../data/inmail.673\n',  
'ham ../data/inmail.674\n',  
'ham ../data/inmail.675\n',  
'spam ../data/inmail.676\n',  
'ham ../data/inmail.677\n',  
'spam ../data/inmail.678\n',  
'spam ../data/inmail.679\n',  
'ham ../data/inmail.680\n',  
'spam ../data/inmail.681\n',  
'ham ../data/inmail.682\n',  
'spam ../data/inmail.683\n',  
'ham ../data/inmail.684\n',  
'spam ../data/inmail.685\n',  
'spam ../data/inmail.686\n',  
'ham ../data/inmail.687\n',  
'spam ../data/inmail.688\n',  
'spam ../data/inmail.689\n',

'ham ../data/inmail.690\n',  
'spam ../data/inmail.691\n',  
'spam ../data/inmail.692\n',  
'spam ../data/inmail.693\n',  
'spam ../data/inmail.694\n',  
'ham ../data/inmail.695\n',  
'spam ../data/inmail.696\n',  
'spam ../data/inmail.697\n',  
'spam ../data/inmail.698\n',  
'spam ../data/inmail.699\n',  
'ham ../data/inmail.700\n',  
'spam ../data/inmail.701\n',  
'ham ../data/inmail.702\n',  
'ham ../data/inmail.703\n',  
'spam ../data/inmail.704\n',  
'spam ../data/inmail.705\n',  
'spam ../data/inmail.706\n',  
'spam ../data/inmail.707\n',  
'spam ../data/inmail.708\n',  
'spam ../data/inmail.709\n',  
'spam ../data/inmail.710\n',  
'spam ../data/inmail.711\n',  
'spam ../data/inmail.712\n',  
'spam ../data/inmail.713\n',  
'spam ../data/inmail.714\n',  
'spam ../data/inmail.715\n',  
'ham ../data/inmail.716\n',  
'ham ../data/inmail.717\n',  
'ham ../data/inmail.718\n',  
'ham ../data/inmail.719\n',  
'ham ../data/inmail.720\n',  
'spam ../data/inmail.721\n',  
'spam ../data/inmail.722\n',  
'spam ../data/inmail.723\n',  
'ham ../data/inmail.724\n',  
'spam ../data/inmail.725\n',  
'spam ../data/inmail.726\n',  
'spam ../data/inmail.727\n',  
'ham ../data/inmail.728\n',  
'spam ../data/inmail.729\n',  
'spam ../data/inmail.730\n',  
'spam ../data/inmail.731\n',  
'spam ../data/inmail.732\n',  
'ham ../data/inmail.733\n',  
'spam ../data/inmail.734\n',  
'spam ../data/inmail.735\n',  
'spam ../data/inmail.736\n',

'spam ../data/inmail.737\n',  
'spam ../data/inmail.738\n',  
'spam ../data/inmail.739\n',  
'spam ../data/inmail.740\n',  
'spam ../data/inmail.741\n',  
'ham ../data/inmail.742\n',  
'spam ../data/inmail.743\n',  
'spam ../data/inmail.744\n',  
'ham ../data/inmail.745\n',  
'ham ../data/inmail.746\n',  
'spam ../data/inmail.747\n',  
'ham ../data/inmail.748\n',  
'spam ../data/inmail.749\n',  
'spam ../data/inmail.750\n',  
'ham ../data/inmail.751\n',  
'spam ../data/inmail.752\n',  
'spam ../data/inmail.753\n',  
'ham ../data/inmail.754\n',  
'ham ../data/inmail.755\n',  
'spam ../data/inmail.756\n',  
'spam ../data/inmail.757\n',  
'spam ../data/inmail.758\n',  
'spam ../data/inmail.759\n',  
'ham ../data/inmail.760\n',  
'spam ../data/inmail.761\n',  
'spam ../data/inmail.762\n',  
'spam ../data/inmail.763\n',  
'spam ../data/inmail.764\n',  
'spam ../data/inmail.765\n',  
'spam ../data/inmail.766\n',  
'spam ../data/inmail.767\n',  
'spam ../data/inmail.768\n',  
'spam ../data/inmail.769\n',  
'ham ../data/inmail.770\n',  
'ham ../data/inmail.771\n',  
'spam ../data/inmail.772\n',  
'spam ../data/inmail.773\n',  
'spam ../data/inmail.774\n',  
'spam ../data/inmail.775\n',  
'spam ../data/inmail.776\n',  
'ham ../data/inmail.777\n',  
'spam ../data/inmail.778\n',  
'spam ../data/inmail.779\n',  
'ham ../data/inmail.780\n',  
'ham ../data/inmail.781\n',  
'spam ../data/inmail.782\n',  
'spam ../data/inmail.783\n',

'spam ../data/inmail.784\n',  
'ham ../data/inmail.785\n',  
'ham ../data/inmail.786\n',  
'spam ../data/inmail.787\n',  
'spam ../data/inmail.788\n',  
'ham ../data/inmail.789\n',  
'spam ../data/inmail.790\n',  
'spam ../data/inmail.791\n',  
'spam ../data/inmail.792\n',  
'spam ../data/inmail.793\n',  
'ham ../data/inmail.794\n',  
'spam ../data/inmail.795\n',  
'spam ../data/inmail.796\n',  
'ham ../data/inmail.797\n',  
'spam ../data/inmail.798\n',  
'ham ../data/inmail.799\n',  
'spam ../data/inmail.800\n',  
'ham ../data/inmail.801\n',  
'ham ../data/inmail.802\n',  
'spam ../data/inmail.803\n',  
'spam ../data/inmail.804\n',  
'spam ../data/inmail.805\n',  
'spam ../data/inmail.806\n',  
'spam ../data/inmail.807\n',  
'spam ../data/inmail.808\n',  
'ham ../data/inmail.809\n',  
'ham ../data/inmail.810\n',  
'ham ../data/inmail.811\n',  
'ham ../data/inmail.812\n',  
'spam ../data/inmail.813\n',  
'ham ../data/inmail.814\n',  
'spam ../data/inmail.815\n',  
'spam ../data/inmail.816\n',  
'spam ../data/inmail.817\n',  
'spam ../data/inmail.818\n',  
'spam ../data/inmail.819\n',  
'spam ../data/inmail.820\n',  
'spam ../data/inmail.821\n',  
'spam ../data/inmail.822\n',  
'spam ../data/inmail.823\n',  
'spam ../data/inmail.824\n',  
'ham ../data/inmail.825\n',  
'ham ../data/inmail.826\n',  
'ham ../data/inmail.827\n',  
'spam ../data/inmail.828\n',  
'spam ../data/inmail.829\n',  
'spam ../data/inmail.830\n',

'spam ../data/inmail.831\n',  
'spam ../data/inmail.832\n',  
'spam ../data/inmail.833\n',  
'spam ../data/inmail.834\n',  
'ham ../data/inmail.835\n',  
'ham ../data/inmail.836\n',  
'spam ../data/inmail.837\n',  
'spam ../data/inmail.838\n',  
'ham ../data/inmail.839\n',  
'spam ../data/inmail.840\n',  
'spam ../data/inmail.841\n',  
'ham ../data/inmail.842\n',  
'spam ../data/inmail.843\n',  
'ham ../data/inmail.844\n',  
'spam ../data/inmail.845\n',  
'spam ../data/inmail.846\n',  
'spam ../data/inmail.847\n',  
'ham ../data/inmail.848\n',  
'spam ../data/inmail.849\n',  
'ham ../data/inmail.850\n',  
'spam ../data/inmail.851\n',  
'ham ../data/inmail.852\n',  
'ham ../data/inmail.853\n',  
'spam ../data/inmail.854\n',  
'spam ../data/inmail.855\n',  
'spam ../data/inmail.856\n',  
'spam ../data/inmail.857\n',  
'spam ../data/inmail.858\n',  
'spam ../data/inmail.859\n',  
'spam ../data/inmail.860\n',  
'spam ../data/inmail.861\n',  
'spam ../data/inmail.862\n',  
'ham ../data/inmail.863\n',  
'ham ../data/inmail.864\n',  
'spam ../data/inmail.865\n',  
'spam ../data/inmail.866\n',  
'spam ../data/inmail.867\n',  
'spam ../data/inmail.868\n',  
'spam ../data/inmail.869\n',  
'spam ../data/inmail.870\n',  
'spam ../data/inmail.871\n',  
'spam ../data/inmail.872\n',  
'spam ../data/inmail.873\n',  
'ham ../data/inmail.874\n',  
'spam ../data/inmail.875\n',  
'spam ../data/inmail.876\n',  
'ham ../data/inmail.877\n',



'spam ../data/inmail.878\n',  
'spam ../data/inmail.879\n',  
'ham ../data/inmail.880\n',  
'ham ../data/inmail.881\n',  
'spam ../data/inmail.882\n',  
'spam ../data/inmail.883\n',  
'spam ../data/inmail.884\n',  
'spam ../data/inmail.885\n',  
'ham ../data/inmail.886\n',  
'spam ../data/inmail.887\n',  
'spam ../data/inmail.888\n',  
'spam ../data/inmail.889\n',  
'ham ../data/inmail.890\n',  
'spam ../data/inmail.891\n',  
'spam ../data/inmail.892\n',  
'spam ../data/inmail.893\n',  
'ham ../data/inmail.894\n',  
'spam ../data/inmail.895\n',  
'spam ../data/inmail.896\n',  
'ham ../data/inmail.897\n',  
'ham ../data/inmail.898\n',  
'spam ../data/inmail.899\n',  
'spam ../data/inmail.900\n',  
'spam ../data/inmail.901\n',  
'spam ../data/inmail.902\n',  
'ham ../data/inmail.903\n',  
'spam ../data/inmail.904\n',  
'spam ../data/inmail.905\n',  
'spam ../data/inmail.906\n',  
'spam ../data/inmail.907\n',  
'ham ../data/inmail.908\n',  
'spam ../data/inmail.909\n',  
'spam ../data/inmail.910\n',  
'spam ../data/inmail.911\n',  
'spam ../data/inmail.912\n',  
'ham ../data/inmail.913\n',  
'spam ../data/inmail.914\n',  
'ham ../data/inmail.915\n',  
'spam ../data/inmail.916\n',  
'spam ../data/inmail.917\n',  
'ham ../data/inmail.918\n',  
'spam ../data/inmail.919\n',  
'ham ../data/inmail.920\n',  
'spam ../data/inmail.921\n',  
'spam ../data/inmail.922\n',  
'ham ../data/inmail.923\n',  
'spam ../data/inmail.924\n',

'spam ../data/inmail.925\n',  
'ham ../data/inmail.926\n',  
'spam ../data/inmail.927\n',  
'spam ../data/inmail.928\n',  
'ham ../data/inmail.929\n',  
'spam ../data/inmail.930\n',  
'spam ../data/inmail.931\n',  
'ham ../data/inmail.932\n',  
'ham ../data/inmail.933\n',  
'ham ../data/inmail.934\n',  
'spam ../data/inmail.935\n',  
'spam ../data/inmail.936\n',  
'ham ../data/inmail.937\n',  
'spam ../data/inmail.938\n',  
'ham ../data/inmail.939\n',  
'ham ../data/inmail.940\n',  
'spam ../data/inmail.941\n',  
'spam ../data/inmail.942\n',  
'spam ../data/inmail.943\n',  
'spam ../data/inmail.944\n',  
'spam ../data/inmail.945\n',  
'ham ../data/inmail.946\n',  
'ham ../data/inmail.947\n',  
'ham ../data/inmail.948\n',  
'ham ../data/inmail.949\n',  
'spam ../data/inmail.950\n',  
'spam ../data/inmail.951\n',  
'ham ../data/inmail.952\n',  
'spam ../data/inmail.953\n',  
'spam ../data/inmail.954\n',  
'spam ../data/inmail.955\n',  
'spam ../data/inmail.956\n',  
'ham ../data/inmail.957\n',  
'spam ../data/inmail.958\n',  
'spam ../data/inmail.959\n',  
'spam ../data/inmail.960\n',  
'spam ../data/inmail.961\n',  
'spam ../data/inmail.962\n',  
'spam ../data/inmail.963\n',  
'ham ../data/inmail.964\n',  
'spam ../data/inmail.965\n',  
'spam ../data/inmail.966\n',  
'spam ../data/inmail.967\n',  
'ham ../data/inmail.968\n',  
'ham ../data/inmail.969\n',  
'spam ../data/inmail.970\n',  
'ham ../data/inmail.971\n',

```
'spam ../data/inmail.972\n',
'spam ../data/inmail.973\n',
'ham ../data/inmail.974\n',
'spam ../data/inmail.975\n',
'spam ../data/inmail.976\n',
'spam ../data/inmail.977\n',
'spam ../data/inmail.978\n',
'spam ../data/inmail.979\n',
'spam ../data/inmail.980\n',
'spam ../data/inmail.981\n',
'spam ../data/inmail.982\n',
'spam ../data/inmail.983\n',
'spam ../data/inmail.984\n',
'ham ../data/inmail.985\n',
'spam ../data/inmail.986\n',
'spam ../data/inmail.987\n',
'spam ../data/inmail.988\n',
'spam ../data/inmail.989\n',
'spam ../data/inmail.990\n',
'spam ../data/inmail.991\n',
'ham ../data/inmail.992\n',
'ham ../data/inmail.993\n',
'spam ../data/inmail.994\n',
'spam ../data/inmail.995\n',
'spam ../data/inmail.996\n',
'spam ../data/inmail.997\n',
'spam ../data/inmail.998\n',
'ham ../data/inmail.999\n',
'ham ../data/inmail.1000\n',
...]
```

```
[9]: import os

DATASET_PATH = os.path.join("datasets", "trec07p")

def parse_index(path_to_index, n_elements):
    ret_indexes = []
    index = open(path_to_index).readlines()
    for i in range(n_elements):
        mail = index[i].split(" ../")
        label = mail[0]
        path = mail[1][:-1]
        path_mail = path.split("/")[-1]
        ret_indexes.append({"label":label, "email_path":os.path.
↪join(DATASET_PATH, os.path.join("data", path_mail))})
    return ret_indexes
```

```
[10]: def parse_email(index):
        p = Parser()
        pmail = p.parse(index["email_path"])
        return pmail, index["label"]

[11]: indexes = parse_index("datasets/trec07p/full/index", 10)
        indexes

[11]: [{ 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.1'},
        { 'label': 'ham', 'email_path': 'datasets\\trec07p\\data\\inmail.2'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.3'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.4'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.5'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.6'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.7'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.8'},
        { 'label': 'spam', 'email_path': 'datasets\\trec07p\\data\\inmail.9'},
        { 'label': 'ham', 'email_path': 'datasets\\trec07p\\data\\inmail.10'}]
```

### 1.1.3 2. Preprocesamiento de los datos del conjunto de datos

Con las funciones presentadas anteriormente se permite la lectura de los correos electrónicos de manera programática y el procesamiento de los mismos para eliminar aquellos componentes que no resultan de utilidad para la detección de correos de SPAM. Sin embargo, cada uno de los correos sigue estando representado por un diccionario de Python con una serie de palabras.

```
[12]: # Cargamos el índice y las etiquetas en memoria
        index = parse_index("datasets/trec07p/full/index", 1)

[13]: # Leemos el primer correo
        import os

        open(index[0]["email_path"]).read()

[13]: 'From RickyAmes@aol.com Sun Apr 8 13:07:32 2007\nReturn-Path:
        <RickyAmes@aol.com>\nReceived: from 129.97.78.23 ([211.202.101.74])\n\tby
        speedy.uwaterloo.ca (8.12.8/8.12.5) with SMTP id 138H7G0I003017;\n\tSun, 8 Apr
        2007 13:07:21 -0400\nReceived: from 0.144.152.6 by 211.202.101.74; Sun, 08 Apr
        2007 19:04:48 +0100\nMessage-ID: <WYADCKPDFWWTWTFVUE@yahoo.com>\nFrom: "Tomas
        Jacobs" <RickyAmes@aol.com>\nReply-To: "Tomas Jacobs" <RickyAmes@aol.com>\nTo:
        the00@speedy.uwaterloo.ca\nSubject: Generic Cialis, branded quality@ \nDate:
        Sun, 08 Apr 2007 21:00:48 +0300\nX-Mailer: Microsoft Outlook Express
        6.00.2600.0000\nMIME-Version: 1.0\nContent-Type:
        multipart/alternative;\n\tboundary="--8896484051606557286"\nX-Priority: 3\nX-
        MSMail-Priority: Normal\nStatus: R0\nContent-Length: 988\nLines: 24\n\n---
        8896484051606557286\nContent-Type: text/html;\nContent-Transfer-Encoding:
        7Bit\n\n<html>\n<body bgcolor="#ffffff">\n<div style="border-color: #00FFFF;
        border-right-width: 0px; border-bottom-width: 0px; margin-bottom: 0px;"
```

```
align="center">\n<table style="border: 1px; border-style: solid; border-
color:#000000;" cellpadding="5" cellspacing="0" bgcolor="#CCFFAA">\n<tr>\n<td
style="border: 0px; border-bottom: 1px; border-style: solid; border-
color:#000000;">\n<center>\nDo you feel the pressure to perform and not rising
to the occasion??<br>\n</center>\n</td></tr><tr>\n<td bgcolor=#FFFF33
style="border: 0px; border-bottom: 1px; border-style: solid; border-
color:#000000;">\n<center>\n\n<b><a
href=\'http://excoriationtuh.com/?lzmfnrdkleks\'>Try <span>V</span><span>ia<span>
</span>gr<span>a</span>...</a></b></center>\n</td></tr><td><center>your
anxiety will be a thing of the past and you will<br>\nbe back to your old
self.\n</center></td></tr></table></div></body></html>\n\n\n----
8896484051606557286--\n\n'
```

```
[14]: # Parseamos el primer correo
mail, label = parse_email(index[0])
print("El correo es:", label)
print(mail)
```

```
El correo es: spam
{'subject': ['gener', 'ciali', 'brand', 'qualiti'], 'body': ['do', 'feel',
'pressur', 'perform', 'rise', 'occas', 'tri', 'viagra', 'anxieti', 'thing',
'past', 'back', 'old', 'self'], 'content_type': 'multipart/alternative'}
```

El algoritmo de Regresión Logística no es capaz de ingerir texto como parte del conjunto de datos. Por lo tanto, deben aplicarse una serie de funciones adicionales que transformen el texto de los correos electrónicos parseados en una representación numérica.

### Aplicación de CountVectorizer

```
[15]: from sklearn.feature_extraction.text import CountVectorizer

# Preapración del email en una cadena de texto
prep_email = [" ".join(mail['subject']) + " ".join(mail['body'])]

vectorizer = CountVectorizer()
X = vectorizer.fit(prepare_email)

print("Email:", prep_email, "\n")
print("Características de entrada:", vectorizer.get_feature_names_out())
```

```
Email: ['gener ciali brand qualitido feel pressur perform rise occas tri viagra
anxieti thing past back old self']
```

```
Características de entrada: ['anxieti' 'back' 'brand' 'ciali' 'feel' 'gener'
'occas' 'old' 'past'
'perform' 'pressur' 'qualitido' 'rise' 'self' 'thing' 'tri' 'viagra']
```

```
[16]: X = vectorizer.transform(prepare_email)
print("\nValues:\n", X.toarray())
```

Values:

```
[[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]]
```

### Aplicación de OneHotEncoding

```
[17]: from sklearn.preprocessing import OneHotEncoder

prep_email = [[w] for w in mail['subject'] + mail['body']]

enc = OneHotEncoder(handle_unknown='ignore')
X = enc.fit_transform(prepare_email)

print("Features:\n", enc.get_feature_names_out())
print("\nValues:\n", X.toarray())
```

Features:

```
['x0_anxieti' 'x0_back' 'x0_brand' 'x0_ciali' 'x0_do' 'x0_feel' 'x0_gener'
 'x0_occas' 'x0_old' 'x0_past' 'x0_perform' 'x0_pressur' 'x0_qualiti'
 'x0_rise' 'x0_self' 'x0_thing' 'x0_tri' 'x0_viagra']
```

Values:

```
[[0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]]
```

### Funciones auxiliares para preprocesamiento del conjunto de datos

```
[18]: def create_prep_dataset(index_path, n_elements):
    X = []
    y = []
    indexes = parse_index(index_path, n_elements)
    for i in range(n_elements):
        print("\rParsing email: {0}".format(i+1), end='')
```

```

    try:
        mail, label = parse_email(indexes[i])
        X.append(" ".join(mail['subject']) + " ".join(mail['body']))
        y.append(label)
    except:
        pass
return X, y

```

### 1.1.4 3. Entrenamiento del algoritmo

```

[19]: # Leemos únicamente un subconjunto de 100 correos electrónicos
X_train, y_train = create_prep_dataset("datasets/trec07p/full/index", 100)
X_train

```

Parsing email: 100

```

[19]: ['gener ciali brand qualitado feel pressur perform rise occas tri viagra anxieti
thing past back old self',
'typo debianreadmhi ive updat gulu i check mirror it seem littl typo
debianreadm file exampl httpgulususherbrookecadebianreadm
ftpftpfrdebianorgdebianreadm test lenni access releas diststest the current test
develop snapshot name etch packag test unstabl pass autom test propog releas
etch replac lenni like readmehtml yan morin consult en logiciel libr
yanmorinsavoirfairelinuxcom 5149941556 to unsubscrib email
debianmirrorsrequestlistsdebianorg subject unsubscrib troubl contact
listmasterlistsdebianorg',
'authent viagramega authenticv i a g r a discount pricec i a l i s discount
pricedo miss it click httpwwwmoujsjkhchumcom authent viagra mega authenticv i a
g r a discount pricec i a l i s discount pricedo miss it click',
'nice talk yahey billi realli fun go night talk said felt insecur manhood i
notic toilet quit small area worri websit i tell secret weapon extra 3 inch
trust girl love bigger one ive 5 time mani chick sinc i use pill year ago the
packag i use 6 month suppli one worth everi cent websit httpctmaycom ring
weekend go drink let know secret later dude brad',
'trembl stomach cramp troubl sleep weak loosssystem home it capabl link far i
know i within part with respect affect technolog societi scienc ad agenc cashin
g commerci photograph paint electron canvas still seem like silenc white black
light it didnt happen although far p perfect especi preclud vast explan i
understand peopl reli avantgard art world addit writer lawyer yet ach full
potenti i imagin futur comput screen ho w would percept artifici imag busi apart
there computer sign shop filter unnecessari labor technolog comp ani monopoli
servic as servic root tre nd western cultur sinc dark age possibl unimag in
human think friendli not industri isnt welcom new peopl thought c enter comput
voic activ capabl mo pervas year go we email system organizatio n individu booth
design architect draftspeopl condit i call hyperawar anyth everyth five i alway
took prid e know reason i hire abl conduct daili work activ without leav hydro
bill spend time vr potato take grant conveni technolog newer model comput i

```

decid investig littl condit i call hyperawar ani thing everyth five sport leisur  
 activ factor motiv king communicationinfo network just like att technolog takeov  
 r convers new occup may result comput either im bei ng demand i dont process i  
 with guid book chart could therefor charg much lower price thi n ever realiz  
 virtual realiti already sharp technolog pass well oh well place make yet anoth  
 barrier peopl much like formal structur speel would make accept draw th e work  
 comput creation system home it h ave capabl link far i know i withi n part with  
 respect affect technolog soci ty scienc ad agenc cash commerci font photograph  
 paint electr onic canvas still seem like silenc white black light it didnt  
 happen although far perfect espec i p reclud vast explan i cant understand peopl  
 rel avantgard art world addit writer lawyer yet reach full potenti i imagin  
 futur comput screen would percept artif icial imag busi apart there computer  
 sign shop filter unnecess ari labor technolog compani monopoli servic as servic  
 root trend western cultur sinc dark age possibl unimagi human think friendli  
 not industr isnt welcom new peopl thought enter comput hrough voic activ capabl  
 pervas year go we email system organ individu booth design ar chitect  
 draftspeopl condit i call hyperawar anythi ng everyth five i alway took pride  
 know reason i hire abl conduct daili work activ without leav hydro bill spend  
 time vr potato take grant conveni technolog newer model comput i decid investig  
 littl e condit i call hyperawar anyth everyth five sport leisur activ w ill  
 factor motiv king communicationinfo network just like att technolog takeov  
 convers new occup may result comput either im demand i dont font process i w ith  
 guid book chart could therefor charg much lower price thi never realiz virtual  
 reali ty already sharp technolog pass well oh well place make yet anoth b arrier  
 peopl much like formal structur speel would make accept draw work comput c  
 reation',

'which dutiprogram creativ abil artist monitor econom structur transform social  
 space ca n absolut space you amount inform subject i see home dimens worldli  
 conscious quantum mechan busi vr use al ong line societi benefit fewer use  
 econom restructur transform social i fear right first i move came elimin need  
 paper medium commun breakthrough w ill definit impact studi time i fa miliar  
 comput home sit couch night i say intimid get it case i opt computerizat ion  
 integr stage system in as interior design st udent i note comput program take  
 job mani peopl work forc of cours govern pc as well control day day concern  
 could therefor charg much lower price thi blood allow bodi societi function  
 smoothli idea gener purpos simul went explain point peopl never leav termin  
 manipul digit product visual artwork provid ancient artifact comput he kept  
 perman global villag art g roundwork cultur technolog open whole new world  
 commun th e answer it so your aliv paint draw in fact sculptor friend mine  
 finish i oh ever an outlin mayb simpli cutter cut letter self adhes vinyl  
 artifici natur see stage develop choos live smooth transit posit vibe care  
 virtual realiti treat suc h uniqu modern concept it as interior design student i  
 note comput program amount peopl becom part new commun purchas convent ional  
 mean receiv comput design logo layou ts sign done fashion statement advertis  
 ploy moral issu ever rea choos keep advanc technic the age group th e advanc  
 technolog affect th program creativ abil artist monitor econom restructur  
 transform social space absolut space you amount inform subject i see home dimens







to be readi for action most need medic avail viagra ciali levitra propecia much much free ship worlwid no doctor visit no prescript full custom satisfactionclick visit new drugstorebest regard good day visit new onlin drug store save upto 85 today special offer viagra for as low as 162 per dose br ciali super viagra for as low as 438 per dose levitra for as low as 444 per dose much much special offer today you need 15 minut to be readi for action most need medic avail viagra ciali levitra prope cia much much free ship worlwid no doctor visit no prescript full custom satisfact click visit new drugstor best regard',

'less weight pleasur joyanatrim 96 the latest delight product weighti people20 readili avail 96 as shown cnn can recal time ask thing to20 get rid fastli grow pound fat happili big20 offer expect with anatrim groundbreak weightreducing20 medley get healthier mode life becom realli thinner20 have look custom say it92 rather difficult admit i extrem addict to20 food i greedili ate garbig could stop thi fatal passion left i start cours take anatrim god inclin eat constantli vanish mood improv i92m happiest person planet 17 pound in20 28 month so i tell i92m happiest person lusia r chicago sinc earli childhood i weighti boy it92 difficult imagin i abhor mock school i abhor stout i abhor after tri mani differ remedi i found anatrim it liter took fear nightmar mani many20 thank guy rikki martin washington you know my marriag save thank anatrim i got the20 circl depress 96 eat 96 even depress my wife was20 think leav i turn overweight psycho one best friend point web page i order pack of20 anatrim time the final result magnfic appetit came normal level i20 often good mood cours i becam abl tighten my20 belt hole and see bed becam cool charley there mani mani sincer gratitud left happi peopl taking20 anatrim whi dont join ten thousand slender men and20 women tri natur appetit abat energi lift product do declin opportun check wonder pound melt anatrim 96 the latest delight product weighti people20 readili avail 96 as shown cnn can recal time ask thing to20 get rid fastli grow pound fat happili big20 offer expect with anatrim groundbreak weightreducing20 medley get healthier mode life becom realli thinner20 have look custom say it92 rather difficult admit i extrem addict to20 food i greedili ate garbig could stop thi fatal passion left i start cours take anatrim god inclin eat constantli vanish mood improv i92m happiest person planet 17 pound in20 28 month so i tell i92m happiest person lusia r chicago sinc earli childhood i weighti boy it92 difficult imagin i abhor mock school i abhor stout i abhor after tri mani differ remedi i found anatrim it liter took fear nightmar mani many20 thank guy rikki martin washington you know my marriag save thank anatrim i got the20 circl depress 96 eat 96 even depress my wife was20 think leav i turn overweight psycho one best friend point web page i order pack of20 anatrim time the final result magnfic appetit came normal level i20 often good mood cours i becam abl tighten my20 belt hole and see bed becam cool charley there mani mani sincer gratitud left happi peopl taking20 anatrim whi dont join ten thousand slender men and20 women tri natur appetit abat energi lift product do declin opportun',

'anatrim chang lifeanatrim - the latest enchant product weighti peopl avail - as told cnn can retain case ask thing deliv desper grow number kilo happili great price paid with anatrim groundbreak weightreduc combin element achiev healthier lifestyl becom realli slimmer take look peopl state it' unbear difficult admit i exceedingli addict food i swallow garbig could stop thi

torment stop i start cours anatri m holi god inclin eat constantli abat mood increas i turn happiest person planet 23 pound 22 month i tell i becam happiest person world linda f boston i problem overweight sinc boy you cant fanci i detest derid school i detest plump i detest after tri mani differ remedi i heard anatri m it liter pull dread nightmar mani mani thank guy steve doubt boston know anatri m preserv marriag i went circl depress - eat - even depress my wife leav i turn overweight psycho one friend show site i ask anatri m time the final result magnfic appetit becam normal i good mood often certainli i went belt hole back and bedroom becam cool also michael there mani mani testimoni left happi peopl tri anatri m don't gonna join ten thousand slender buyer take natur appetitereduc power increas product do lose chanc achiev pictur perfect weight enjoy life anatri m - the latest enchant product weighti peopl avail - as told cnn can retain case ask thing deliv desper grow number kilo happili great price paid with anatri m groundbreak weightreduc combin element achiev healthier lifestyl becom realli slimmer take look peopl state it' unbear difficult admit i exceedingli addict food i swallow garbig could stop thi torment stop i start cours anatri m holi god inclin eat constantli abat mood increas i turn happiest person planet 23 pound 22 month i tell i becam happiest person world linda f boston i problem overweight sinc boy you cant fanci i detest derid school i detest plump i detest after tri mani differ remedi i heard anatri m it liter pull dread nightmar mani mani thank guy steve doubt boston know anatri m preserv marriag i went circl depress - eat - even depress my wife leav i turn overweight psycho one friend show site i ask anatri m time the final result magnfic appetit becam normal i good mood often certainli i went belt hole back and bedroom becam cool also michael there mani mani testimoni left happi peopl tri anatri m don't gonna join ten thousand slender buyer take natur appetitereduc power increas product do lose chanc',

'problem anim studi use rat rabbit feed outdoormovement tablet i could even select brush size the modernist titud mainstream societi pin away comput program i fig ure far troubl prepar career n ew area fortun technolog overexposur much like peopl get sick tire larg r shop total computer state downtown offic space drive rentleas price bore balanc harmo niou uninterest there abl explor local five sens it ray scientist believ electron creatur sinc power h ad gon e wed watch televis exampl tool choos abil combin i could use comput artmak process as turn printer graphic artist among mani specialti void ph ysical tangible thei difficult concept give scientist observationa l advantag without lengthi come the person comput becom central nervou sentenc so random truth mean motiv factor behind design major contributor enjoy may futur post offic integr hope discov matter enabl a trend seem occur rapidli give rise order pizza simpl e command remot control effect exactli al life retriev memori variou method includ content amer youth cultur they listen music due growth internet virtual realiti comput cohes inform countri world in old shop older signmak comput thi comput consol g iggl stick ling cod twentythre purpl perch four state aro und canada mexico last addit inform e asi access search knowledg trade fool plain anoth charac ter must visual head the advantag technolog er artist architect outcom modern technolog sch ool the internet fellow american refrain form militari essenc conv nienc effici drive forc yet reach full poten tial i imagin futur movement tablet i

could even select brush size the modernist attitud mainstream societi pinn ing  
away comput program i figur far troubl hey prepar career new area fortun  
technolog overexposur much like peopl wh get sick tire larger shop total  
computer state downtown offic space drive rentleas price bore balanc harmoni  
uninterest there abl explor local five sens it ray scientist believ electron ic  
creatur sinc power h ad gone wed watch televis exampl tool choos abil combin i  
could use comput artma king process as turn printer graphic artist among mani ot  
specialti void physic tangiblelethi difficult con cept give scientist observ  
advantag without lengthi come the person comput becom e central nervou sentenc  
so random truth mean motiv factor behind design major contributor enjoy may  
futur post offic integr hope discov matter enabl a trend seem occur rapidli give  
r ise order pizza simpl command remot control effect ive exactli real life  
retriev memori variou ethod includ content american youth cultur they listen  
music due growth internet virtual realiti comput cohes inform countri world in  
old shop older signmak comput thi comput consol giggl stick ling cod twentythre  
pur ple perch four state around canada mexico last addit inform easi access  
search knowledg trade fool ing plain anoth charact must visual hea the advantag  
technolog offer artist architect utcom modern technolog school the internet  
fellow american refrain ny form militari essenc conveni effici drive forc yet  
reach full potenti i imagin futur font',

'we cure deseas',

'human growth hormonwhat hgh life hgh life patent formula human growth hormon  
amino acid mostpot growth factor one pill it design antiag mind note increas  
energi alert stronger muscl bone better look skin increas libido overal benefici  
health benefit america abroad last sever year how hgh life work hgh life  
supplement ever decreas amount growth hormon secret pituitari gland get older  
the result youth feel appear increas energi memori metabol stronger immun system  
function increas tissu repair cell replac bone strength healthier skin nail  
teeth in word creat overal youth buy hgh life becom becom immun passag time what  
hgh life \xa0hgh life patent formula human growth hormon amino acid mostpot  
growth factor one pill it design antiag mind note increas energi alert stronger  
muscl bone better look skin increas libido overal benefici health benefit  
america abroad last sever year how hgh life work hgh life supplement ever  
decreas amount growth hormon secret pituitari gland get older the result youth  
feel appear increas energi memori metabol stronger immun system function increas  
tissu repair cell replac bone strength healthier skin nail teeth in word creat  
overal youth buy hgh life becom becom immun passag time',

'hi manhey billi realli fun go night talk said felt insecur manhood i notic  
toilet quit small area worri websit i tell secret weapon extra 3 inch trust girl  
love bigger one ive 5 time mani chick sinc i use pill year ago the packag i use  
6 month suppli one worth everi cent websit httpctmaycom ring weekend go drink  
let know secret later dude brad',

'acceler adult older adultsâmani medicinnuanc directli reflect creator individu  
respons th em brotherli thank vr would lot easier becaus mil lion peopl onlin  
network steril moo keep feel it pretti i seem get sidetrack someth i like bit  
forc chang environment polici enough gener voic as i ha already mention teach  
virtual paul rever virtual exagger virtual advantag i medium true acrylicoil

paint home consequent environ live may benefit exist retain ident seper increas  
 rate miscarriagesbrodeur paul current death deem aliv still mani want creat  
 environ n moo charact perceiv hope discov matter enabl world a lot even bore one  
 be interact motorway footbridg theatric protest tabloid press els n ew just  
 keep live work ever i dark he bought peopl gullibl come comput it design field  
 immens societi may form singl entiti global purchas convent mean receiv reliev  
 use antiglar screen proper commun thought widespread level level age technolog  
 foster construct busi altho ugh averag person go choos telecommun industri  
 probabl main hisher abil conceiv idea artwork actual benefici advantag research  
 congreg via other virtual realiti enthusiast preach virtual bodi program enabl  
 one virtual tri piec himherself ahead field n hisher disciplin even american  
 cultur the system polici attitud put comput in instanc comput like tool the text  
 push new direct around way program like architectur interior design repress  
 voic just preposter academ solemnli age w technolog foster construct integr  
 although lengthi process transit nuanc directli reflect creator ndividu respons  
 brotherli thank vr would lot easier becaus million peopl onlin netwo rk steril  
 moo keep feel it pretti div i seem get sidetrack somethi ng i like bit forc  
 chang environment polici n ot enough gener voic as i already mention teach  
 virtual paul rever virtual exagger virtual advantag i medium rue acrylicoil  
 paint home consequ environ live ay benefit exist retain ident seper fro increas  
 rate miscarriagesbrodeur paul current death deem aliv still mani wan creat  
 environ moo charact onl perceiv hope discov matter enabl w orld a lot even bore  
 one be interact motorway footbridg theatric prote st tabloid press els new just  
 keep live work wh ever i dark he bought peopl gullibl come comput it design  
 field immens societi may form sin gle entiti global purchas convent mean receiv  
 wher e reliev use antiglar screen proper co mmunic thought widespread level  
 level age technolog foster th e construct busi although averag person go choo se  
 telecommun industri probabl main hish er abil conceiv idea artwork actual  
 benefici advantag resea rcher congreg via other virtual realiti enthusiast  
 preach hat virtual bodi program enabl one virtual tri pie ce himherself ahead  
 field hisher disciplin even american cultur the system polici attitud put comput  
 in instanc comput like tool the text push new direct around way program like  
 architectur interior design repress voic just preposterousl academ solemnli age  
 technolog foster constru ction integr although lengthi process transit',  
 'taken long time larg dose may causassist advertis market tactic busi use co  
 mputer differ twenti year ago elimin need f paper medium commun virtual realiti  
 treat unqu modern concept it comput laser disk crossindex iconograph motif  
 associ the dream achiev machin intellig old comput capa citi 8 font compar 200  
 peopl nation f escal growth i fear right first i move came answer it so your  
 aliv electron art gall ry artist today televis least privileg neck wood take  
 cours hisher abil conceiv idea artwork actual could perform averag home base  
 person use comput visual fabric actual world i hear music surg th e backgroundi  
 like comput in instanc comput like tool ever rea choos keep advanc technic offic  
 red uce unthink procedur press chang way societi view valu visual art avantgard  
 continu rear unusu head confus gener popul mean term would ac tor previous view  
 eat or vr amaz th peopl wont get overexposur much like peopl get sick tire  
 virtual irror when one choos buy item hesh profession artist e tc come differ

locat internet someon without physic contact it hard imagin averag popul cope fan vir tual realiti tri convinc peopl knowledg trad e fool plain relearn scratch th ing deal social gener a nativ artwork print color never use skill obsolet cad advanc program happen even wher e worker go back school integr dom inant cultur adapt i done bitch thi concern global vill age art groundwork cultur i question whether differ programm assist advertis market actic busi use comput differ twent year ago elimin need paper medium commun virtual realiti treat uniqu modern concept it comput laser disk crossind xing iconograph motif associ the dream achiev machin intelli genc old comput capac 8 font compar 200 p eopl nation escal growth i fear right first i ove came answer it so yo ure aliv electron art galleri artist today televi ion least privileg neck wood take cours hisher abil conceiv idea fo r artwork actual could perform averag home ba sed person use comput visual fabric actual world i hear music surg backgroundi like comput in instanc compu ter like tool ever reason choos keep advanc ing technic offic reduc unthink procedur pre sing chang way societi view valu visual art avantgard continu rear unusu head confus gener popul mean f term would actor previous view eat or vr amaz peopl wont get overexposur much like peopl wh get sick tire virtual mirror when one choos buy ite hesh profession artist etc come differ locat internet someon without physic contact div it hard imagin averag popul cope fan virtual realiti tri convinc pe opl knowledg trade fool plain relearn scratch thing deal social gener a nativ artwork prin ted color never use skill obsolet cad adva nced program happen even worker go back sch ool integr domin cultur adapt i done bitch thi concern global villag art groundwork cultur i question whether differ programm',

're r confidenceinterv helphm sound like homework problem mayb start figur without r what approach would calcul then search r help possibl key word came sarah on 4807 jochenf jjfahrucalgaryca wrote hi i use r find 90 confidenceinterv sensit specif follow diagnost test a particular diagnost test multipl sclerosi conduct 20 ms patient 20 healthi subject 6 ms patient classifi healthi 8 healthi subject classifi suffer ms furthermor i need find number ms patient requir sensit 1 is simpl rcommand i complet new r help pleas jochen sarah gosle <http://www.functionaldiversity.org/rhelpstatmathethzch> mail list <https://statethzchmailmanlist.inforhelp> pleas read post guid <http://www.r-project.org/postingguide.html> provid comment minim selfcontain reproduc code',

're broken acpi kernel 26184686 hp nx6110 laptopgruess vharishankar vharishankargmailcom schrieb 080407 0649 i problem hp compaq nx6110 laptop sinc upgrad kernel 26184686 current run version 2618dfsg112 debian etch ive unabl get acpi work machin as result i dont get batteri ac statu machin doesnt power properli i shut if already seen <http://www.debian.org/releasesstable/i386/releasenoteschinformationen.html#hpacpi> regard hari gruß gerhard kernel panic could determin whether bit one zero sqrt1pi jk dug to unsubscrib email [debianlaptoprequestlists@debian.org](mailto:debianlaptoprequestlists@debian.org) subject unsubscrib troubl contact [masterlists@debian.org](mailto:masterlists@debian.org),

'we cure deseas',  
 'need medicin all',  
 'need medicin all',

'becom fit for lifebecom fit for life hgh complex molecul produc anterior lobe pituitari gland locat base brain while stimul growth children import maintain healthi bodi composit wellb adult it primari hormon control mani bodi organ stimul tissu repair brain function cell replac enzym function determin level igf1 insulin growth factor measur hgh bodi receiv younger futur hgh life becom fit for life hgh complex molecul produc anterior lobe pituitari gland locat base brain while stimul growth children import maintain healthi bodi composit wellb adult it primari hormon control mani bodi organ stimul tissu repair brain function cell replac enzym function determin level igf1 insulin growth factor measur hgh bodi receiv younger futur hgh life ',

'pleas read thi cyour histori show last order readi refil to visit <http://dodoclddcdeh83223160> pleas visit site complet order becaus order us previous prescript preapprov thank sam mcfarland custom servic',

'be leaner slimmer next weekanatrim 96 the uptod delight flesh loss product20 avail 96 as told cnn can hold memori case plead to20 thing deliv desper grow number of20 kilo luckili big offer demand with anatrim the20 groundshak kilosmelt combin element achieve20 natur health mode life realli slender figur take look at20 peopl state it92 difficult confess i junk food addict i ate rubbish could stop thi ruinou passion left i start cours take anatrim holi god appetit abat mood increas i turn happiest person planet 2720 pound 29 month i tell i turn happiest person planet amelia b la vega sinc childhood i bulki boy you cant even fanci i detest derid school i abhor weight i hate even after tri i found anatrim thi stuff liter pull horror the warmest thanks20 guy steve doubt chicago you know thank anatrim marriag save i got the20 circl depress 96 eat 96 depress my wife going20 leav overweight psycho i turn my best friend show web site i order pack anatrim right20 away the result magnfic appetit came normal level i in20 good spirit often sure i becam abl tighten belt on20 hole and bed becam cool michael there lot thank left delight peopl take anatrim why20 dont join thousand thousand slender buyer tri this20 natur appetitereduc energi increas product don92t lose chanc make fat friend envi anatrim 96 the uptod delight flesh loss product20 avail 96 as told cnn can hold memori case plead to20 thing deliv desper grow number of20 kilo luckili big offer demand with anatrim the20 groundshak kilosmelt combin element achieve20 natur health mode life realli slender figur take look at20 peopl state it92 difficult confess i junk food addict i ate rubbish could stop thi ruinou passion left i start cours take anatrim holi god appetit abat mood increas i turn happiest person planet 2720 pound 29 month i tell i turn happiest person planet amelia b la vega sinc childhood i bulki boy you cant even fanci i detest derid school i abhor weight i hate even after tri i found anatrim thi stuff liter pull horror the warmest thanks20 guy steve doubt chicago you know thank anatrim marriag save i got the20 circl depress 96 eat 96 depress my wife going20 leav overweight psycho i turn my best friend show web site i order pack anatrim right20 away the result magnfic appetit came normal level i in20 good spirit often sure i becam abl tighten belt on20 hole and bed becam cool michael there lot thank left delight peopl take anatrim why20 dont join thousand thousand slender buyer tri this20 natur appetitereduc energi increas product don92t lose chanc',

'but serpentinememb han fiz fire mountain bev compani symfbvg cannot go wrong



2 cent watch like hawk els youll miss one thi project go 70 short alon long look  
han fizget monday 9th dont get left the finger point author tri determin whether  
first five us forest servic firefight overrun flame oyler link least 40 fire  
area sinc may accord laura celebr birthday saturday mckay funer victorvil said  
card fan talent refer st loui cardin world',

'r failur mcsamp mcmcsampdaer rhelper can anyon help follow i get  
mcmcsamptxtlmer3f markov chain mont carlo mcmc output start 1 end 1 thin interv  
1 but mcsamptxtlmer3f error asbugsarraysim program lmer niter niter nburnin  
nburnin error paramet sigma parameterstosav i attach arm packag libraryarm load  
requir packag r2winbug arm version 1015 built 2007317 work directori  
usersmkdocumentsprojectsmikepredissexptext load requir packag foreign  
sessioninfo r version 241 20061218 i386appledarwin881 local c attach base packag  
1 tool grid dataset stat graphic grdevic util method 9 base attach packag  
foreign arm r2winbug coda hmisc gmodel effect lme4 0818 1015 204 0107 321 2132  
109 0997513 matrix car weaver codetool digest xtabl latticeextra lattic 0997511  
121 101 003 023 143 014 01417 gridbas mass jgr iplot javagd rjava 043 7233 1415  
105 036 0414 thank mk professor michael kubovi univers virginia depart psycholog  
usp pobox 400400 charlottesvil va 229044400 parcel room 102 gilmer hall  
mccormick road charlottesvil va 22903 offic b011 14349824729 lab b019  
14349824751 fax 14349824766 www httpwwwpeoplevirginiaedumk9i rhelpstatmethethzch  
mail list httpsstatethzchmailmanlistinforhelp pleas read post guid  
httpwwrprojectorgpostingguidehtml provid comment minim selfcontain reproduc  
code',

'all product health',

'your daili email bcalink textdecorationnonecolor000099fontfamili verdana  
arial hel vetica sansserif avisit textdecorationnonecolor6666ccfontfamili  
verdana arial helvetica sansserif aactiv textdecorationnonecolor000099fontfamili  
verdana arial h elvetica sansserif ahov  
textdecorationnonecolor000099fontfamilyverdana arial hel vetica  
sansseriftextdecorationunderlin fromsport  
fontsize10pxcolor999999paddingtop4pxfontweightbold  
asmalllinklinktextdecorationnonecolor333366fontfamilyverdana ar ial helvetica  
sansseriffontsize10px  
asmalllinkvisitedtextdecorationnonecolor666699fontfamilyverdana arial helvetica  
sansseriffontsize10px  
asmalllinkactivetextdecorationnonecolorcc3300fontfamilyverdana arial helvetica  
sansseriffontsize10px asmalllinkhoverttextdecorationnonecolor  
cc3300fontfamilyverdana arial helvetica sansseriffontsize10px  
onthisdayheadcolor527a9afontfamilyari verdana helvetica sanss  
riffontsize14pxfontweightbold thisdaycolor666666fontsize11pxfontfamilyverdana  
arial helvetica sansseriftextttransformuppercas  
sportpbbackgroundcolor000000colorffcc00width220pxborder1pxfont famili verdana  
arial helvetica sansserif ms san seriffontweight normal  
asportpbllinkfontfamilyverdanaarialhelveticasansserifm san ser  
iftextdecorationnonefontsize11pxcolorffcc000909  
asportpbllactivefontfamilyverdanaarialhelveticasansserifm san  
eriftextdecorationnonefontsize11pxcolorffcc00

asportpblvisitedfontfamilyverdanaarialhelveticasansserifm san  
 seriftextdecorationnonefontsize11pxcolorcc9900  
 asportpblhoverfontfamilyverdanaarialhelveticasansserifm san se  
 riffontsize11pxcolorffcc00textdecorationunderline09  
 newspbbbackgroundcolorddccc00000width220pxborder1pxfont famili verdana  
 arial helvetica sansserif ms san seriffontweight normal  
 anewspbllinkfontfamilyverdanaarialhelveticasansserifm san seri  
 ftextdecorationnonefontsize11pxcolor000099  
 anewspblvisitedfontfamilyverdanaarialhelveticasansserifm san  
 eriftextdecorationnonefontsize11pxcolor6666cc  
 anewspblactivefontfamilyverdanaarialhelveticasansserifm san se  
 rifttextdecorationnonefontsize11pxcolor000099  
 anewspblhoverfontfamilyverdanaarialhelveticasansserifm san ser  
 iffontsize11pxcolor000099textdecorationunderlin  
 sunday 08 a pril 2007 1800 gmt  
 1400 0400canadaeastern search bbc sport\xa0 footbal 09 mourinho bait man utd  
 titl chelsea bo jose mourinho taunt sir alex ferguson claim unit lucki play blue  
 next week \xa0 st mirren 01 ranger nacho novo winner ranger delay celtic titl  
 parti heighten releg f ear st mirren \xa0 weir could extend stay ibrox david  
 weir say want remain ranger next season help defeat st mi rren golf 09 live  
 master 2007 the final r ound master way tiger wood launch bid f ifth master 1915  
 bst \xa0 rose harrington eye victori justin rose padraig harrington mount strong  
 challeng final round 2007 master \xa0 rose hang tough tiger loom justin rose go  
 final round augusta one stuart applebi mast er lead tiger wood one adrift  
 motorsport 09 alonso lead home mc laren onetwo reign wo rld champion fernando  
 alonso secur first victori mclaren le ad home lewi hamilton malaysian grand prix  
 \xa0 victori dream say alonso b world champ ion fernando alonso seventh heaven  
 claim maiden win mclaren second race team \xa0 kovalainen happi first point  
 renault roo kie heikki kovalainen satisfi get mark eighth place n malaysia  
 formula one 09 alonso lead home mc laren onetwo reign wo rld champion fernando  
 alonso secur first victori mclaren le ad home lewi hamilton malaysian grand prix  
 \xa0 victori dream say alonso b world champ ion fernando alonso seventh heaven  
 claim maiden win mclaren second race team \xa0 kovalainen happi first point  
 renault roo kie heikki kovalainen satisfi get mark eighth place n malaysia  
 athlet 09 pavey rethink 10000m schedul britain j pavey refus panic despit fail  
 achiev world champion hip 10000m qualifi time saturday \xa0 ohuruogu stun appeal  
 loss christin o huruogu say stun lose appeal 12month ping ban \xa0 farah pull  
 italian event br britain m farah run 10000m challeng itali pick high strain last  
 weekend cycl 09 cook power belgiu victori welsh cycli st nicol cook win tour  
 flander extend world cup lead \xa0 ballan sprint win flander italian ale ssandro  
 ballan pip belgium leif host win tour flander \xa0 ullrich blood dopeprob link b  
 a dna sampl e taken jan ullrich match blood bag seiz spanish dopin g probe fun  
 and game td 09 holloway column i quit li ke golf im good though the last time i  
 play i nia \xa0 ten tackl tri ten question master \xa0 comment robbo ronaldo  
 robbo th e fall rise red ron \xa0 option a nd help \xa0 \xa0 you subscrib email  
 address br ktwarwicspeedyuwaterlooca chang to chang email address content format  
 daili email visit <httpwwwbbccoukemail> unsubscrib to unsubscrib visit  
<httpwwwbbccoukemail> other email to see full rang email avail visit

httpwwwbbccoukemail \xa0 \xa0 help if problem stori link gener help visit  
httpwwwbbccoukemailhelp feedback pleas send feedback mailtodayemailbbccouk  
\xa0 \xa0 copyright bbc 2005',

'hgh realli helpwhat hgh life hgh life patent formula human growth hormon amino  
acid mostpot growth factor one pill it design antiag mind note increas energi  
alert stronger muscl bone better look skin increas libido overal benefici health  
benefit america abroad last sever year how hgh life work hgh life supplement  
ever decreas amount growth hormon secret pituitari gland get older the result  
youth feel appear increas energi memori metabol stronger immun system function  
increas tissu repair cell replac bone strength healthier skin nail teeth in word  
creat overal youth buy hgh life becom becom immun passag time what hgh life  
\xa0hgh life patent formula human growth hormon amino acid mostpot growth  
factor one pill it design antiag mind note increas energi alert stronger muscl  
bone better look skin increas libido overal benefici health benefit america  
abroad last sever year how hgh life work hgh life supplement ever decreas  
amount growth hormon secret pituitari gland get older the result youth feel  
appear increas energi memori metabol stronger immun system function increas  
tissu repair cell replac bone strength healthier skin nail teeth in word creat  
overal youth buy hgh life becom becom immun passag time',

'part time job offer work from home and get paiddear sirma thi introduc compani  
briscoat global manufactur compani unit kingdom limit unit state canada the  
compani establis 1946 first branch southampton also start sole busi 1949 compani  
open opportun partnership today compani proud inform gener public 3000 employe  
africa asia the antartica eastern europ our area of specialis briscoat global  
mfg co ltd specialist product varieti rubber belt power transmiss belt conveyor  
belt industri rubber product etc our aimvis we aim best best employ  
underpriviledg peopl also unemploy individu world also ensur provis respons  
creativ qualiti polici we offer superior product servic meet custom satisfactori  
reason price keep run forward we reach big sale volum industri rubber product  
unt kingdom asia tri penetr unit state canada market quit soon shall open repres  
offic author sale outlet unt state therefor current look peopl assist us  
establish new distribut network thereth fact despit unit state market new us  
alreadi regular client also speak what we requir of you the intern money  
transfer tax legal entiti compani unit kingdom high thi unfavour condit compani  
the tax intern money transfer made privat individu 7 that need we need agent  
receiv payment industri rubber product custom resend money us via bank account  
unit kingdom western union tax shall 7 intead 25 absolut favour compani job  
descript 1 reciept payment made client either chequ balanc transfer bank bank  
electron transfer 2 cash payment bank 3 deduct 10 made payabl employe commiss  
payment process 4 forward balanc deduct 10 commiss offic shall provid us soon  
fund becom avail your total earn 10 oper for instanc receiv 5000 pound via mean  
payment list behalf commiss 500 pound 10 5000 dollar transact at begin commiss  
equal 10 though later increas 12 the transact make earn also tendenc increas  
commiss rate advantag you go work independ contractor right home offic your job  
absolut legal you earn 30004000 dollar monthli depend time spent job you need  
capit start you convini without leav affect present job the employe make effort  
work harder strong possibl becom branch manag branch nearer neighbourhood anyway

we proud say employe never reduc due excel work condit elig interest person must  
least 18 year older legal capabl respons readi work 34 hour per weekwith pc  
knowledg email internet experi minim kindli contact us briscoatadminsifycom  
enabl know compani best regard adminhuman resourc manag raymond georg',

'cnn alert bushcnn alert bush block0 padding10pxbackgroundcolorffffff  
fontfamili arial helvetica sansserif fontsiz 12px block1  
padding10pxbackgroundcoloreeeee fontfamili arial helvetica sansserif fontsiz  
12px cnnbodytext fontfamili arial helvetica sansserif fontsiz 12px alink color  
009 avisit color 336 alinkhov color 900 avisitedhov color 600 cnnsectcopyright  
fontfamili verdana arial sansserif fontsiz 10px color 000000 paddingtop 3px  
aoltextad textalign justifi fontsiz 12px color black fontfamili georgia  
sansserif alert name bush gingrich gonzal consid resign 040807 1257 pm edt join  
grow list republican former hous speaker newt gingrich said sunday attorney  
gener alberto gonzal consid resign the possibl presidenti candid said botch fire  
us attorney destroy gonzal credibl nation top law enforc full stori you agre  
receiv email cnncom result cnncom prefer set to manag set click to alter alter  
alert criteria frequenc unsubscrib receiv custom email alert click refer friend  
colleagu cnn free person alert servic cabl new network lp lllp one cnn center  
atlanta georgia 30303 © 2007 cabl new network lp lllp a time warner compani all  
right reserv terms\xa0 servic provid read privaci guidelin contact us',

'provincihan fiz return 13000 return fire mountain beverag compani symb fbvg  
cannot go wrong 2 cent expect 070 1000 percent return that beging expect 070  
1000 percent return that begingingget monday 9th dont get left faa said rule  
chang temporari one made safeti reason the ntsb detain interrog suspect  
terrorist nation secur agenc republican call chang he desper cling stay the  
airplan also carri flight instructor tyler stanger struck build arent unpatriot  
wrong he said democrat vote legisl',

'are you pay too much auto insur251839499 sayrevil borough locat raritan river  
near raritan bay inmiddlesex counti new jersey as sayrevil borough locat raritan  
river near raritan bay middlesex counti new jersey as unit state 2000 censu  
borough popul 40377 ref ref sayrevil origin incorpor township april 6 1876  
portion south amboy township on april 2 1919 borough reincorpor borough sayrevil  
base result referendum held april 29 1919 ref name stori the stori new jersey  
civil boundari 1606 1968 john p snyder bureau geolog topographi trenton new  
jersey 1969 p 173 ref geographi sayrevil locat 40465769 74324043 accord unit  
state censu bureau borough total area 486 km 188 mi 412 km 159 mi land 74 km 28  
mi 1520 water sayrevil border north woodbridg township northwest edison  
northeast perth amboy east south amboy southwest south river east brunswick  
south old bridg township sayrevil touch east brunswick edison although way go  
directli one town the borough approxim 35 mile southwest new york citi 66 mile  
northeast philadelphia southern bank raritan river 732 848 area code use  
sayrevil it use carri 908 area code 908 decid given union hunterdon warren  
counti sayrevil design 732 rahway clark union counti still use 732 area code  
sayrevil use three zip code 08872 08871 use sayrevil 08859 use parlin section  
town demograph uscensuspob 1930 8658 1940 8186 1950 10338 1960 22553 1970 32508  
1980 29969 1990 34986 2000 40377 estim 43017 estyear 2005 estref ref name  
censusest ht tp factfindercensusgov servlet saffpopulationev search geoid 06000u

s3402359280 geocontext 01000u 7c04000us34 7c05000us34023 7c06000us340235928 0  
street counti sayrevil citytown sayrevil state 04000us34 zip la ng en sse  
activegeodiv geoselect useev pctxt fph pgsl 060 submenuid po pulation0 dsname  
null cinbr null qrname null reg null 3anul keyword industri censu data sayrevil  
borough unit state censu bureau access march 1 2007 ref footnot popul 1930 1990  
ref http www wnjpinnnet onestopcareercent labormarketinform lmi01 poptrd6htm  
jersey resid popul municip 1930 1990 access march 1 2007 ref as censu 2000 40377  
peopl 14955 household 10917 famili resid borough the popul densiti 9805 km 25394  
mi there 15235 hous unit averag densiti 3700 km 9581 mi the racial makeup  
borough 7647 white 862 african american 013 nativ american 1056 asian 002 pacif  
island 212 race 208 two race hispan latino race 729 popul there 14955 household  
343 children age 18 live 575 marri coupl live togeth 111 femal household husband  
present 270 non famili 223 household made individu 87 someon live alon 65 year  
age older the averag household size 268 averag famili size 317 in borough popul  
spread 236 age 18 73 18 24 342 25 44 225 45 64 124 65 year age older the median  
age 36 year for everi 100 femal 963 male for everi 100 femal age 18 920 male the  
median incom household borough 58919 median incom famili 66266 male median incom  
47427 versu 35151 femal the per capita incom borough 24736 about 34 famili 47  
popul poverti line includ 61 age 18 53 age 65 govern local govern the mayor  
sayrevil http wwwsayrevillecom bio bioobrienhtm kennedi o brien member borough  
council 2007 council presid http wwwsayrevillecom bio biopollandohtm tom  
pollando http wwwsayrevillecom bio biobuchananhtm daniel buchanan http  
wwwsayrevillecom bio biodrwalhtm stanley drwal http wwwsayrevillecom bio  
biogrobelnyhtm denni grobelni http wwwsayrevillecom bio biomakowskihtm kathi  
makowski http wwwsayrevillecom bio biozachhtm rori zach ref ref feder state  
counti represent sayrevil sixth congression district part new jersey 19th legisl  
district ref http wwwlwvnjorg pub cg06pdf leagu women voter 2006 new jersey  
citizen guid govern p 63 access august 30 2006 ref educ the sayrevil public  
school serv student kindergarten twelfth grade school district four k 3  
elementari school http wwwsayrevilleelementarynet arlethfil arlethhtm emma  
arleth elementari school http wwwsayrevilleelementarynet eisenhowerfil  
eisenhowerhtm dwight d eisenhow elementari school http  
wwwsayrevilleelementarynet trumanfil trumanhtm harri s truman elementari school  
http wwwsayrevilleelementarynet wilsonfil wilsonhtm woodrow wilson elementari  
school http wwwsayrevilleelementarynet uesfil uesschoolinfohtm samsel upper  
elementari school grade 4 5 http wwwsayrevillemiddlenet sayrevil middl school  
grade 6 8 sayrevil war',

'chto sushchestvovaniyour ladi cant orgasms3f heh bodi fault do want fix that3f  
visit us viagra ciali help situat visit us we cheapest price best qualiti drug  
we ship instantli worldwid with best regard laura warren ej muzhiki ktonibud  
videl kak sholan na nego napal3f osvedomilsia vozhak oboza ogliadyvaia svoih  
podelnikov nebrezhno igraia tiazhelym toporom nori zhe proishodila iz starinnogo  
aristokraticheskogo roda praviashchego ee mirom delat bylo nechego ia zadumalsia  
bezotchetno terebia podborodok o net tolko ne eto kapiushon golovi otkinulsia  
obnazhiv belosnezhny volosi cherez minutu vse bylo koncheno gilsveri eshch ni  
razu ne dovodilo stalkivatsia takim absoliutnym vidom mentalnoj zashchiti chto  
zhe nam meshaet3f neterpelivo sprosil ia predvariaia ego vopro chto zh razumno

chut krivo ulybnulsia linlan holod kazalo niskolko ne udivivshi moemu otkazu  
pust vse uvidit sama no poka doplyvem neureji ty smozhesh vosstanovit svoi sili  
nkot pohlop menia po plechu dobrodushno dobavil vysh no eliot niksard mrak  
tishina tut ia ponial chto pervyj vyvod ne sovsem veren lovushka uzh srabotala  
poetomu prosto ostavit vse kak est ia uzh ne mogu ia eshch pomnil chto nahozhu  
na vidu u bolshogo skopishcha liudej uslovnosti povedeniia sredi kotoryh ia vyro  
na nove nikuda ne deli a dlia proshlogo raza veroiatno byli kakieto uvazhitelny  
na tvoj vzgliad prichini prodyriavit mne grud deremorinoli  
y3n0agvvcnlacgxnlv3yxrlcmxvby5jyq your ladi cant orgasms3f heh bodi fault do  
want fix that3f visit us viagra ciali help situat visit us we cheapest price  
best qualiti drug we ship instantli worldwid with best regard laura warren \xa0  
\xa0 ej muzhiki ktonibud videl kak sholan na nego napal3f osvedomilsia vozhak  
oboza ogliadyvaia svoih podelnikov nebrezhno igraia tiazhelym toporom nori zhe  
proishodila iz starinnogo aristokraticeskogo roda praviashchego ee mirom delat  
bylo nechego ia zadumalsia bezotchetno terebia podborodok o net tolko ne eto  
kapiushon golovi otkinulsia obnazhiv belosnezhny volosi cherez minutu vse bylo  
koncheno gilsveri eshch ni razu ne dovodilo stalkivatsia takim absoliutnym vidom  
mentalnoj zashchiti chto zhe nam meshaet3f neterpelivo sprosila predvariaia  
ego vopro chto zh razumno chut krivo ulybnulsia linlan holod kazalo niskolko ne  
udivivshi moemu otkazu pust vse uvidit sama no poka doplyvem neureji ty smozhesh  
vosstanovit svoi sili nkot pohlop menia po plechu dobrodushno dobavil vysh no  
eliot niksard mrak tishina tut ia ponial chto pervyj vyvod ne sovsem veren  
lovushka uzh srabotala poetomu prosto ostavit vse kak est ia uzh ne mogu ia  
eshch pomnil chto nahozhu na vidu u bolshogo skopishcha liudej uslovnosti  
povedeniia sredi kotoryh ia vyro na nove nikuda ne deli a dlia proshlogo raza  
veroiatno byli kakieto uvazhitelny na tvoj vzgliad prichini prodyriavit mne grud  
deremorinoli y3n0agvvcnlacgxnlv3yxrlcmxvby5jyq \xa0',

'davison help invent product idea251839499 greenwood term mani use particularli  
placenam person dear adf we 240 inventionmen whoar wait work product idea click  
here submit idea in juli 2006 davison award two prestigi industri design excel  
award industri design societi america the bikeboard the hover creeper award  
announc juli 10 2006 issu businessweek magazin davison provid servic profession  
prepar present product idea potenti license some servic provid conting fee  
percentag royalti obtain client servic provid upfront fee paid client davison  
perform analysi potenti feasibl market patent profit idea submit new product  
develop uncertain endeavor davison warrant guarante expressli impliedli idea  
submit licens sell market provid posit return inventor money spent develop  
greenwood term mani use particularli placenam person name placenam australia  
greenwood western australia suburb perth canada greenwood ttc station bloor  
danforth line subway system toronto greenwood british columbia greenwood nova  
scotia villag greenwood durham region municip ontario greenwood huron counti  
ontario greenwood renfrew counti ontario greenwood raceway har hors race track  
toronto malaysia greenwood taman hous area citi kuala lumpur unit kingdom  
greenwood greenwod settlement near heptonstal metropolitan district calderdal  
west yorkshir homestead wyomaru de greenwod believ princip ancestor english  
greenwood ref cite book last greenwood first frederick titl greenwood genealog  
1154 1914 ancestri descend thoma greenwood newton massachusett nathaniel samuel

greenwood boston massachusetts john greenwood virginia mani later arriv america  
 also earli histori greenwood england arm use publish the lyon genealog compani  
 origyear 1914 locat new york page 15 23 chapter chapter 3 english histori famili  
 origin name url http patriotlibbyuedu cdm4 documentphpcisoroot fh3 cisoptr 75837  
 ref unit state greenwood arkansa citi greenwood california greenwood delawar  
 town greenwood florida town greenwood illinoi villag greenwood indiana citi  
 greenwood louisiana town greenwood main town greenwood minnesota citi greenwood  
 mississippi citi greenwood missouri citi greenwood nebraska villag greenwood new  
 york town greenwood south carolina citi greenwood tennesse place appear list  
 regist histor place tennesse greenwood midland counti texa greenwood parker  
 counti texa greenwood wise counti texa greenwood clark counti wisconsin citi  
 greenwood taylor counti wisconsin town greenwood vernon counti wisconsin town  
 greenwood seattl washington neighborhood greenwood tulsa oklahoma neighborhood  
 greenwood furnac state park pennsylvania greenwood lake new york villag  
 greenwood museum smyrna new york greenwood observatori telescop jenni jump state  
 forest new jersey greenwood ridg california greenwood spring mississippi  
 greenwood villag colorado citi mount greenwood chicago name al greenwood former  
 keyboard rock band foreign anthoni greenwood english minist oversea develop 1965  
 ndash 1966 arthur greenwood 1880 ndash 1954 british politician arthur h  
 greenwood 1880 ndash 1963 american politician bob greenwood 1928 ndash 1994  
 mexican major leagu basebal player bruce greenwood born 1956 canadian film actor  
 caleb greenwood trapper guid earli pioneer american west charlott greenwood  
 actress 1910 1950 chester greenwood 1858 ndash 1937 american inventor earmuff  
 clarenc greenwood american musician leader band citizen cope clint greenwood  
 founder clint greenwood soccer academi greenwood method colin greenwood born  
 1969 british musician bassist radiohead brother jonni greenwood dick greenwood  
 born 1940 english rugbi footbal don greenwood co creator board game age renaiss  
 ed greenwood born 1959 canadian librari clerk inventor forgotten realm dungeon  
 dragon campaign set franci william pitt greenwood 1797 ndash 1843 american  
 clergyman pastor king chapel associ editor christian examin frederick greenwood  
 1830 ndash 1909 english journalist greenwood leflor american indian chief  
 choctaw tribe harri greenwood 1881 ndash 1948 english soldier recipi victoria  
 cross sir hamar greenwood irish chief secretari ireland 1920 1922 hunphri  
 greenwood 1927 ndash 1995 ichithyolist peter hunphri greenwood isaac greenwood  
 mathematician 1702 ndash 1745 first chair mathemat natur philosophi harvard  
 colleg ivor greenwood senat attorney gener australia 1971 1972 1975 jack  
 greenwood track field athlet world record holder mani master 40 yr old catigori  
 induct track and field hall fame master divis jame c greenwood born 1951  
 american politician state pennsylvania jame m greenwood 1836 ndash american educ  
 late 19th centuri superintend school kansa citi missouri joan greenwood 1921  
 1987 british actress john greenwood die 1593 english puritan separatist john  
 greenwood 1760 1819 1760 1819 georg washington dentist father modern dentistri  
 revolutionari war patriot john greenwood pseudonym john buxton hilton british  
 crime writer john dh greenwood 1889 ndash 1975 english film score compos jonni  
 greenwood born 1971 english musician guitarist radiohead brother colin greenwood  
 joseph greenwood 19th centuri new zealand politician soldier kathi greenwood  
 born 1962 canadian comedienn kerri greenwood australian author phryne fisher

mysteri seri lee greenwood born 1942 american singer compos leigh greenwood  
author major greenwood 1880 ndash 1949 english epidemiologist statistician mile  
greenwood 1807 ndash 1885 manufactur establish eag',

'authent viagra fast deliveri moneyback guarantimega authenticv i a g r a  
discount pricec i a l i s discount pricedo miss it click  
httpwwwinkanjkkreightcom mega authenticv i a g r a discount pricec i a l i s  
discount pricedo miss it click',

'becom fit for lifebecom fit for life hgh complex molecul produc anterior lobe  
pituitari gland locat base brain while stimul growth children import maintain  
healthi bodi composit wellb adult it primari hormon control mani bodi organ  
stimul tissu repair brain function cell replac enzym function determin level  
igf1 insulin growth factor measur hgh bodi receiv younger futur hgh life becom  
fit for life hgh complex molecul produc anterior lobe pituitari gland locat base  
brain while stimul growth children import maintain healthi bodi composit wellb  
adult it primari hormon control mani bodi organ stimul tissu repair brain  
function cell replac enzym function determin level igf1 insulin growth factor  
measur hgh bodi receiv younger futur hgh life ',

'effect diethoodialif start lose weight now hoodialif natur substanc liter take  
appetit away learn buy hoodialif \xa0hoodialif start lose weight now hoodialif  
natur substanc liter take appetit away learn more\xa0and buy hoodialif',

'get medic complet anonymbuy musthav pill save upto 85 all popular drug avail  
viagra ciali levitra propecia mani genuin highqual gener avail worldwid deliveri  
directli home no doctor visit prescript requir certifi onlin pharmaci 100 custom  
satisfact make order get your pill instantli httpfmidntuucmmdhk23598457 though  
bachelor strongest stake marri men best binder hedg commonwealth we pardon  
extent love the first sign corrupt societi still aliv end justifi mean i great  
hope shall love live much never marri buy musthav pill ave upto 752e all popular  
drug avail viagra ciali levitra20 propecia mani genuin highqual generics20 avail  
worldwid deliveri directli home no doctor20 visit prescript required2 certifi  
onlin pharmaci 10 020 custom satisfact make order get your pill instantli  
httpfmidnt2euu cmmd2ehk23598457 \xa0 \xa0 an empti purs new hous make man wise  
late2 you brain shall servant instead master you rul e instead allow rule you2  
conceit incompat understanding2 the true art memori art attention2',

'mortgag approvhello our staff tri contact without success regard refinanc  
current properti we preapprov refin applic in order connect best lender situat  
need info verifi your file s50 82424 pleas visit link complet verif start  
paperwork httprefinancedeal946banfkfrostcom thank you anita bradshaw',

'vlagra rebat reduct abat 75prepar provid secur assur economict hreen asian trip  
kick speechbush said unit state remain reliabl govern includ counterfeit money  
korea announc oct 31 prepar the sixnat talk stall year ago north program atop  
agenda meetingsth unit state want talk success unit state alleg illeg activ bush  
said unit state remain reliabl the sixnat talk stall year ago north partner  
liber trade confront north korea region washington longterm commit heweaken home  
republican parti lost asia diminishlaunderingmidterm elect antiwar antifre  
trade',

'adf appli a credit card those less perfect credit251839499 color pink name  
vesper sparrow statu lc imag vespersparrow23jpg regnum animalia phylum chordata



classi ave have problem get credit card due credit histori that could chang  
 minut appli first premier bank credit card featur low apr purchas 24hour account  
 access phone monthli credit bureau report onlin access credit educ color pink  
 name vesper sparrow statu lc imag vespersparrow23jpg regnum animalia phylum  
 chordata classi ave ordo passeriform familia emberizida genu poeocet speci p  
 gramineu binomi poeocet gramineu binomialauthor gmelin 1789 the vesper sparrow  
 poeocet gramineu medium size sparrow it member genu poeocet baird 1858 adult  
 light brown upperpart light underpart darker streak they white eye ring long  
 dark brown tail show white outer feather flight their breed habitat open grassi  
 area across north america the nest open cup ground clump grass these bird migrat  
 southern central unit state mexico these bird forag ground mainli eat insect  
 seed outsid nest season often feed small flock the male sing higher perch shrub  
 fencepost indic ownership nest territori the music song begin two pair repeat  
 whistl note end seri trill somewhat similar song sparrow thi bird number declin  
 eastern part rang due habitat loss refer databas entri includ justif speci least  
 concern extern link <http://www.mbr.pwrc.usgs.gov/id/framlst/i5400id.html> vesper  
 sparrow poeocet gramineu usg patux bird identif infocent <http://www.birds.cornell.edu/allaboutbird/birdguid/vespersparrow.html> vesper sparrow speci account cornel lab  
 ornitholog <http://www.southdakotabirds.com/speci/vespersparrowinfo.htm> vesper sparrow  
 inform photo south dakota bird bird further read book jone s l j e corn 2002  
 vesper sparrow poeocet gramineu in the bird north america no 624 a pool f gill  
 ed the bird north america inc philadelphia pa thesi castral js phd 1981 use of  
 manag sagebrush grassland by bird popul brigham young univers unit state utah  
 kirkpatrick ck ms 1999 trend grassland bird abund follow prescrib burn southern  
 arizona the univers arizona unit state arizona klippenstin dr msc 2005 can egg  
 mimicri brown head cowbird explain accept brood parasit grassland passerin  
 univers manitoba canada canada krueger ho ms 1981 breed adapt of the vesper  
 sparrow poeocet gramineu in a fire alter ecosystem central michigan univers unit  
 state michigan mcintyr kk ms 2003 speci composit beta divers avian commun along  
 burn unburn gradient sagebrush stepp habitat sheldon nation wildlif refug nevada  
 sul ross state univers unit state texa petersen kl phd 1986 avian ecolog studi  
 in a sagebrush commun bird respons to fire and territori dynam in a sparrow  
 popul idaho iowa state univers unit state iowa randel sm ms 1996 a studi avian  
 popul behavior propos wind energi product facil near fort davi texa sul ross  
 state univers unit state texa vickery pd phd 1993 habitat select grassland bird  
 main the univers main unit state main articl adam js knight rl mcewen lc georg  
 tl 1994 surviv growth nestl vesper sparrow expos experiment food reduct condor  
 vol 96 3 p 739 748 best lb rodenhous nl 1984 territori prefer vesper sparrow  
 poeocet gramineu cropland wilson bulletin vol 96 1 p 72 82 bledso ah 1988  
 nuclear dna evolut phylogeni new world nine primudl oscin auk vol 105 3 p 504  
 515 bock ce bock jh 1992 respons bird wildfir nativ versu exot arizona grassland  
 southwestern naturalist vol 37 1 p 73 81 bock ce bock jh bennett bc 1995 the  
 avifauna remnant tallgrass prairi near boulder colorado prairi naturalist vol 27  
 3 p 147 157 boutin c freemark ke kirk da 1999 farmland bird southern ontario  
 field use activ pattern vulner pesticid use agricultur ecosystem environ p 22  
 1999 camp m best lb 1993 bird abund speci rich roadsid adjac iowa rowcrop field  
 wildlif societi bulletin vol 21 3 p 315 325 camp m best lb 1994 nest densiti

nest success bird roadsid adjac rowcrop field american midland naturalist vol  
131 2 p 347 358 carson rj spicer gs 2003 a phylogenet analysi emberizid sparrow  
base three mitochondri gene molecular phylogen',

'impot med best pricenation univers singaporekorea develop nuclear  
weaponspeoplekorea pyongyang must show seriouskorea pyongyang must show  
seriousprogram atop agenda meet weaken home republican parti lost the sixnat  
talk stall year ago north korea walk penalti impos threenat asian trip kick  
speechgood peopl abandon nuclear singaporeth presid eightdayar prepar provid  
secur assur economicamerica nation sixparti talk partner liber trade confront  
north korea good peopl abandon nuclear',

'real viagra fast deliveri moneyback guarantimega authenticv i a g r a discount  
pricec i a l i s discount pricedo miss it click <http://www.winkanjkkreight.com> real  
viagra fast deliveri moneyback garanti mega authenticv i a g r a discount  
pricec i a l i s discount pricedo miss it click',

'i mtexperi charg bull next soda giant fire mountain beverag co symfbvg cannot  
go wrong 2 cent expect 070 1000 percent return that beging thi project go 70  
short alon long look han fizget monday 9th dont get left arent unpatriot wrong  
he said democrat vote legisl probabl caus crash the full board like vote rule  
swept truck fourth die soon hospit a fifth taken past month 1300 kill sinc octob  
1 fear bloodsh cant answer question bush said harsh critic plan victori',

'accuweathercom alerttm forecast for useravcavcalert accuweath 7day forecast  
beverli hill today h 65 mostli cloudi mist tonight l 53 mostli cloudi monday h  
66 l 55 cloud give way sun tuesday h 66 l 52 area fog sun wednesday h 67 l 51  
area fog sun thursday h 64 l 48 partli sunni cool friday h 66 l 51 sunshin  
saturday h 68 l 52 partli sunni choos anoth forecast enter zipcod citi state  
\xa0 ©2007 accuweath inc all right reserv',

'accuweathercom alerttm forecast for useravccvaalert accuweath 7day forecast  
beverli hill today h 65 mostli cloudi mist tonight l 53 mostli cloudi monday h  
66 l 55 cloud give way sun tuesday h 66 l 52 area fog sun wednesday h 67 l 51  
area fog sun thursday h 64 l 48 partli sunni cool friday h 66 l 51 sunshin  
saturday h 68 l 52 partli sunni choos anoth forecast enter zipcod citi state  
\xa0 ©2007 accuweath inc all right reserv',

'special announc',

'gb2312bsk7wrrzso6gjoq×d%`pä¹ó¹«ë%âip¼²æiñ£°äü°ã£; îðêçéîã~£°éíúú£°óóðîp¹«ë%£-ôú  
è«¹ú·¶i\$äü´óóð³çèðèèóð¶â¼ð·ö¹«ë%£-»¹óë¹üü¶â¼ðæóðµ£°¼¹iã£°á³æë°î×÷;£ ä¼ôäóð²¼·ôð  
öðµæ±;¢°£¹ð%é¼îéé;¢æóí´éiæ·iüêü·¢æ±;¢¼°öþ²×°;¢ðèèä;¢¹ã,æ;¢×ââþ;¢·þîñðµ¼°¶¶¶i·¢æ  
± pè×ipíë°µãîðîâ´úâî;£ò£óð³ðâµ£°èü;³µã%ð¶ðêçðææ±£-èüóðæ±%ý%ü¼ééîíð²éñ~»ðµ¼ë°%ñé  
öµ°ó,¶¼î;£ ±¼¹«ë%ðð;°³îðâ;¢¼î¼ý;¢¹æ·¶;±â¢×âóúéî³;ðð£-ðæ³îî£îüäüóé¹óë%°î×÷£-ð²äüî  
³¹ó¹«ë%¼úð¼ð²¼·ö×è%ð£; ×£ ¹ó¹«ë%éúðâðèâ;¢âî²³·¢ð¹;¢ðµ¼°ðððèèéî£;£;  
»¶ð\xadà´µç×éñ~£° á³ îµ èé£°âî äü êö »ú£°13713768651  
¹«ë%µðö·£°¹ã¶¶éíúüèð,£îîçðéîã~´óîã26²ã',

'iso88591br2l2zsb5b3vyig1hdgugysb0cmvhdcwgcmvhbcb0cmvhdcpcpfet0nuwvbfiehutuwgufv  
cteldicitly9xm0mvl0rurbive1midqumcbucmfuc2l0aw9uywvw  
l0voij4ncjxive1mpjxirufepg0kpe1fveegahr0cc1lxcvdpj1db250zw50luxhbmldlywdlignv  
bnrlbnq9ru4dqo8tuvuqsbb250zw50psjnu0hutuwgni4wmc4yotawlji5njmiig5hbwu9r0vo  
rvjbve9spg0kpe1fveegahr0cc1lxcvdpj1db250zw50lvr5cgugy29udgvudd0idgv4dc9odg1  
oybdagfyc2v0pxdpbmrvd3mtmti1miipc9irufepg0kpejprfkgymddb2xvcj0jogqwm taypg0k

penftlrfuj4ncjxuqujmrsancnn0ewxlpst1jervituklhsfq6igdvbgqgmb4ihnvbglkoybc  
t1jervitve9qoibnb2xkidfwebzb2xpzdsgqk9srevsluxfrlq6igdvbgqgmb4ihnvbglkoybc  
t1jervitqk9uve9noibnb2xkidfwebzb2xpzcigdpjzwxsu3bh2luzz0wignlbqxqywrkaw5n  
ptagymddb2xvcj0jowqwmjaligjvcmlrcj0wpg0kica8vfidqogicagpfrep0kicagicagpejm  
t0nluvpvpeudqogicagicagidxuqujmrsbjzwxsu3bh2luzz0wignlbqxqywrkaw5nptagym9i  
zgvyptadqogicagicagicagpfrspg0kicagicagicagicagpfrpjxcuj4nciagicagicag  
icagpejmt0nluvpvpeudqogicagicagicagicagpfrbqkxfia0kicagicagicagicag  
ihn0ewxlpstjgt05ulvdfsudivdogym9szdsgrk9ovc1tsvpfoiaymhb4oybdt0xpujogz29szds  
rk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicy2vsbfnwywnpbmc9mcbjzwx  
ugfkzgluzz0wigjvcmlrcj0wpg0kicagicagicagicagicagicagicagica8vfigdkfsawdu  
pwjvdhrvbt4nciagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptirxzlci3  
yw50zwqgdg8gagf2zsbhigjppc9urd4nciagicagicagicagicagicagpfrpjwvveqdqog  
icagicagicagicagicagidxurcbub1dyxagcm93u3bhbj0ypmc8l1repg0kicagicagicag  
icagicagicagica8veqpc9urd4nciagicagicagicagicagicagpfreig5vv3jhccbyb3dt  
cgfupticibwpc9urd4nciagicagicagicagicagicagpfrpjwvveqdqogicagicagicag  
icagicagicagidxurcbub1dyxagcm93u3bhbj0ypmlzpzvveqpc9uuj4nciagicagicag  
icagicagidxuub2qwxpz249ym90dg9tpg0kicagicagicagicagicagicagica8veqgbm9xcmfw  
pmc8l1repg0kicagicagicagicagicagicagica8veqgbm9xcmfwpmu8l1repg0kicagicag  
icagicagicagica8veqgbm9xcmfwpmvupc9urd48l1rspjwvvefteudqogicagicagicag  
icagpfrbqkxfia0kicagicagicagicagicagihn0ewxlpstjgt05ulvnjwku6idiwchg7ienpte9  
oib3ag10ztsgrk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicy2vsbfnwywnp  
bmc9mcbjzwxugfkzgluzz0wigjvcmlrcj0wpg0kicagicagicagicagicagicagicagica8  
vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfu  
ptir2v0igu8l1repg0kicagicagicagicagicagicagica8veqpc9urd4nciagicagicag  
icagicagicagpfreig5vv3jhccbyb3dtcgfuptidhi8l1repg0kicagicagicagicagicag  
ica8veqpc9urd4nciagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptibjwv  
veqdqogicagicagicagicagicagidxurd48l1repg0kicagicagicagicagicagicagica8  
veqgbm9xcmfwhjvd1nwyy49mj5zigluigxlbmd0acbhbmqgdxagdg8gmjuligluigc8l1repg0k  
icagicagicagicagicagicagica8veqpc9urd4nciagicagicagicagicagicagpfreig5v  
v3jhccbyb3dtcgfuptiddwveqdqogicagicagicagicagicagidxurd48l1repjwvffi  
dqogicagicagicagicagicagica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicag  
icagpfreig5vv3jhcd54pc9urd4nciagicagicagicagicagicagpfreig5vv3jhcd5hidmg  
atwvveqdqogicagicagicagicagicagidxurcbub1dyxay2hlpc9urd4nciagicagicag  
icagicagicagicagpfreig5vv3jhcd5pcjwvveqdqogicagicagicagicagicagidxurcbu  
b1dyxaadwvveqpc9uuj48l1rbqkxfpg0kicagicagicagicagicagidxcte9ds1fvt1rfpg0k  
icagicagicagicagicagpfrbqkxfia0kicagicagicagicagicagicagc3r5bgu9ikzptlqt  
u0lartogmjbwedsgq09mt1i6ihdoaxrloybgt05uluzbtulmwtoogdgfob21hiianciagicag  
icagicagicagignlbxtcgfjaw5nptagy2vsbfbhzgrpbmc9mcbib3jkzxi9md4nciagicag  
icagicagicagicagicagicagidxuub2qwxpz249ym90dg9tpg0kicagicagicagicagicag  
icagicagidxurcbub1dyxagcm93u3bhbj0ypkfsbcbpbibpbibqdxn0idmgbtwvveqdqogicag  
icagicagicagicagicagpfrpjwvveqdqogicagicagicagicagicagicagicagpfreig5v  
v3jhccbyb3dtcgfuptibjwvveqdqogicagicagicagicagicagicagpfrpjwvveqdqog  
icagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptiadwvveqdqogicagicag  
icagicagicagicagicagpfrpjwvveqpc9uuj4nciagicagicagicagicagicagicagpfrsihzb  
bglnbj1ib3r0b20dqogicagicagicagicagicagicagpfreig5vv3jhcd5vpc9urd4nciag  
icagicagicagicagicagicagica8veqgbm9xcmfwpmq8l1repg0kicagicagicagicagicag  
icagidxurcbub1dyxaczwvveqpc9uuj48l1rbqkxfpjwvqkxpq0trvu9urt4nciagicagicag

icagicagica8vefcteugdqogicagicagicagicagc3r5bgu9ikzptlqtu0lartogmjbwedsg  
q09mt1i6ihdoaxrloybgt05uluzbtulmwtoegdgfob21hiianciagicagicagicagicagibjzwx  
u3bhy2luzz0wignlbqxqyrkaw5nptagym9yzgvpytadqogicagicagicagicagicagicag  
icagidxuuib2qwxpz249ym90dg9tpg0kicagicagicagicagicagicagica8veqgbm9xcmfwhjv  
dlnwyw49mj5zb3ugd2lsbcbwcm9kdwnlihn0cm9uz2vyigu8l1repg0kicagicagicagicag  
icagica8veqpc9urd4nciagicagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfupti  
zwm8l1repg0kicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicagicag  
icagpfreig5vv3jhccbyb3dtcgfuptibzwvveqdqogicagicagicagicagicagidxurd48  
l1repg0kicagicagicagicagicagicagica8veqgbm9xcmfwhjvdlnwyw49mj5zigfuzcbtb3jl  
igludgvuc2ugb3jnyxntczwvveqpc9uuj4nciagicagicagicagicagicagidxuuib2qwxpz249  
ym90dg9tpg0kicagicagicagicagicagicagica8veqgbm9xcmfwpni8l1repg0kicagicagicag  
icagicagicagica8veqgbm9xcmfwpnrppc9urd4nciagicagicagicagicagicagicagpfreig5v  
v3jhcd5upc9urd48l1rspjwvvefcteupejspg0kicagicagicagicagicagidxuqujmrsanciag  
icagicagicagicagicagibzdhlst0irk9ovc1xrulhsfq6igjvbgq7iezptlqtu0lartogmjbwedsg  
q09mt1i6ihdoaxrloybgt05uluzbtulmwtoegdgfob21hiianciagicagicagicagicagibjzwx  
u3bhy2luzz0wignlbqxqyrkaw5nptagym9yzgvpytadqogicagicagicagicagicagicag  
icagidxuuib2qwxpz249ym90dg9tpg0kicagicagicagicagicagicagica8veqgbm9xcmfwhjv  
dlnwyw49mj5tpc9urd4nciagicagicagicagicagicagicagpfrejwvveqdqogicagicag  
icagicagicagidxurcubldyyxagcm93u3bbhj0ypmu8l1repg0kicagicagicagicagicag  
ica8veqpc9urd4nciagicagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptiatwv  
veqdqogicagicagicagicagicagidxurd48l1repg0kicagicagicagicagicagicagica8  
veqgbm9xcmfwhjvdlnwyw49mj5sihbyawnlczwvveqdqogicagicagicagicagicagidxu  
rd48l1repgjwvfidqogicagicagicagicagicagica8vfigdkfsawdupwjdhrvbt4nciagicag  
icagicagicagicagicagpfreig5vv3jhcd5wpc9urd4nciagicagicagicagicagicagpfr  
ig5vv3jhcd5jpc9urd4nciagicagicagicagicagicagpfreig5vv3jhcd5hpc9urd48l1r  
pjwvvefcteudqogicagicagicagicagicagpejmt0nluvvpveudqogicagicagicagicag  
ica8vefcteugdqogicagicagicagicagicagibzdhlst0irk9ovc1tsvpfoiaxn3b4oybdt0xp  
ujogd2hpdgu7iezptlqtrkfnsuxzoib0ywhvbweiaa0kicagicagicagicagicagicy2vsbfnw  
ywnpbmc9mcbjzwxsgfkzgluzz0wigjvcmlrcj0wpg0kicagicagicagicagicagicagicag  
icagicagpfrsihzbglbnbj1ib3r0b20dqogicagicagicagicagicagicagicagpfreig5vv3jh  
ccbyb3dtcgfuptiuzwvveqdqogicagicagicagicagicagicagicagpfrejwvveqdqogicag  
icagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptidmugjde1osb3axroig91cia2  
igjvpc9urd4nciagicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicag  
icagicagica8veqgbm9xcmfwhjvdlnwyw49mj5lcybwpc9urd4nciagicagicagicagicag  
icagica8veqpc9urd4nciagicagicagicagicagicagicagica8veqgbm9xcmfwhjvdlnwyw49  
mj5jazwvveqpc9uuj4nciagicagicagicagicagicagicagpfrsihzbglbnbj1ib3r0b20dqog  
icagicagicagicagicagicagpfreig5vv3jhcd5hpc9urd4nciagicagicagicagicag  
icagica8veqgbm9xcmfwpnr0bdwvveqdqogicagicagicagicagicagicagpfreig5vv3jh  
cd5hpc9urd48l1rspjwvvefcteudqogicagicagicagicagicagica8vefcteugdqogicag  
icagicagicagibzdhlst0irk9ovc1tsvpfoiaxn3b4oybdt0xpujogd2hpdgu7iezptlqtrkfn  
suxzoib0ywhvbweiaa0kicagicagicagicagicagicy2vsbfnwywnpbmc9mcbjzwxsgfkzglu  
zz0wigjvcmlrcj0wpg0kicagicagicagicagicagicagicagicagpfrsihzbglbnbj1i  
b3r0b20dqogicagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfuptiuzwvveq  
dqogicagicagicagicagicagicagpfrejwvveqdqogicagicagicagicagicagicag  
pfreig5vv3jhccbyb3dtcgfuptidmugjdi0nib3axroig91cia5igjvpc9urd4nciagicag  
icagicagicagicagica8veqpc9urd4nciagicagicagicagicagicagicagica8veqgbm9xcmf  
whjvdlnwyw49mj50pc9urd4nciagicagicagicagicagicagicagica8veqpc9urd4nciagicag

icagicagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5lpc9urd4nciagicagicagicag  
icagicagicagica8veqpc9urd4nciagicagicagicagicagicagicagica8veqgbm9xcmfwhjv  
d1nwyw49mj5hpc9urd4nciagicagicagicagicagicagicagica8veqpc9urd4nciagicagicag  
icagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5rpc9urd48l1rspg0kicagicagicag  
icagicagicagica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicagicagicagica8veqg  
bm9xcmfwpme8l1repg0kicagicagicagicagicagicagicagidxurcbub1dyyxaddwvveqdqog  
icagicagicagicagicagicagicagpfreig5vv3jhcd5spc9urd4nciagicagicagicagicagicag  
icagica8veqgbm9xcmfwpnmgcdwvveqdqogicagicagicagicagicagicagicagpfreig5vv3jh  
cd5jpc9urd48l1rspjwvvefcteupc9cte9ds1fvt1rfpg0kicagicagicagicagicagidxuqujm  
rsanciagicagicagicagicagicagibzdhlst0irk9ovc1tsvpfoiaxob4oybdt0xpujogd2hpdgu7  
iezptlqtrkfnsuxzoib0ywhvbweiia0kicagicagicagicagicagicagnlbgxtcgfjaw5nptagy2v  
bfbhzgrpbc9mcbib3jkzxi9md4nciagicagicagicagicagicagicagicagicagicagpfrsihzbbgln  
bjlib3r0b20dqogicagicagicagicagicagicagidxurcbub1dyyxagcm93u3bhb3j0ypkfsbcb5  
b3ugagf2zsb0bybkbybpcybqdxn0ihrha2ugysanciagicagicagicagicagicagicagibjb3vw  
bgugb2ygbtwwveqdqogicagicagicagicagicagicagidxurd48l1repg0kicagicagicagicag  
icagicagica8veqgbm9xcmfwhjvd1nwyw49mj5ypc9urd4nciagicagicagicagicagicagicag  
pfrepjwvveqdqogicagicagicagicagicagicagidxurcbub1dyyxagcm93u3bhb3j0ypi08l1r  
pg0kicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicagicagicagicagpfre  
ig5vv3jhccbyb3dtcgfuptiemugmsbwpc9urd4nciagicagicagicagicagicagicagpfrepjwv  
veqdqogicagicagicagicagicagicagidxurcbub1dyyxagcm93u3bhb3j0ypmw8l1repg0kicag  
icagicagicagicagicagica8veqpc9urd4nciagicagicagicagicagicagicagpfreig5vv3jh  
ccbyb3dtcgfupticitybhdcbkywlsebiyxnp3y48l1repjwvfidqogicagicagicagicagicag  
ica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicagicagicagpfreig5vv3jhcd5vpc9u  
rd4nciagicagicagicagicagicagicagpfreig5vv3jhcd5lpc9urd4nciagicagicagicagicag  
icagicagpfreig5vv3jhcd5zatwvveqdqogicagicagicagicagicagicagidxurcbub1dyxa  
atwvveqdqogicagicagicagicagicagicagidxurcbub1dyxabdwvveqpc9uuj48l1rbqkxf  
pg0kicagicagicagicagicagidxdr5urvipecj0kicagicagicagicagicagidxuqujmrsbj  
zwxsu3bh3y2luzz0xignlbgxywrkaw5nptigymddb2xvcj0jzdgzytq1igjvcmlcj0wpg0kicag  
icagicagicagicagicagicagicagica8vfidqogicagicagicagicagicagicagidxurcanciag  
icagicagicagicagicagicagicagc3r5bgu9ikzptlqtu0lartogmthwedsgqkfds0dst1vordogi2zk  
ngi0ytsqg09mt1i6ihdoaxrlj48qj48ssanciagicagicagicagicagicagicagibzdhlst0i  
rk9ovc1gqu1jtfk6ihdlymrpbmdzj5hpc9jppjwvqj48l1repg0kicagicagicagicagicagicag  
ica8veqgymddb2xvcj1waw5rpg0kicagicagicagicagicagicagidxuqujmrsanciagicag  
icagicagicagicagicagicagibzdhlst0irk9ovc1tsvpfoiaxn3b4oybdt0xpujogi2zkngi0ytsq  
rk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicagicagicagicy2vsbfnwywnpbmc9  
mcbjzwxsgfkzgluzz0wigjvcmlcj0wpg0kicagicagicagicagicagicagicagicagicagicagicag  
icagicagica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicagicagicagicagicagicagpf  
ig5vv3jhccbyb3dtcgfuptit8gchi8l1repg0kicagicagicagicagicagicagicagicagica8  
veqpc9urd4nciagicagicagicagicagicagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfupti  
czwvveqdqogicagicagicagicagicagicagicagicagidxurd48l1repg0kicagicagicagicag  
icagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5pcdwvveqdqogicagicagicagicag  
icagicagicagicagidxurd48l1repg0kicagicagicagicagicagicagicagicagica8veqgbm9x  
cmfwhjvd1nwyw49mj5vbibuzwvkzq8l1repjwvfidqogicagicagicagicagicagicagicag  
ica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicagicagicagicagicagicagpfreig5vv3jh  
cd5lpc9urd4nciagicagicagicagicagicagicagicagicagicagicagpfreig5vv3jhcd5jcwvveqdqog  
icagicagicagicagicagicagicagicagidxurcbub1dyxadgk8l1repjwvffipc9uqujmrt48  
l1repg0kicagicagicagicagicagicagpfrrspg0kicagicagicagicagicagicagica8veqgdqog

icagicagicagicagicagicagihn0ewxlpstjgt05ulvnjwku6ide4chg7iejbq0thuk9vthkq6icnm  
zdringe7ienpte9soib3ag10zsipeipekgdqogicagicagicagicagicagicagicagc3r5bgu9  
ikzptlqtrkfnsuxzoib3zjkw5ncyiytwvst48l0ipc9urd4nciagicagicagicagicagicag  
icagpfreigjnj29sb3i9cgluaz4nciagicagicagicagicagicagicagica8vefcteugdqogicag  
icagicagicagicagicagicagc3r5bgu9ikzptlqtu0lartogmtdwedsgq09mt1i6icnmzdringe7  
iezptlqtrkfnsuxzoib0ywhvbweiia0kicagicagicagicagicagicagicagicagignlbgtcgfjaw5n  
ptagy2vsbfhzhgrpbmc9mcib3jkzxi9md4nciagicagicagicagicagicagicagicagicagicag  
icagicagicagpfrrsihzbblnbj1lib3r0b20dqogicagicagicagicagicagicagicagicagidxu  
rcbub1dyyxagcm93u3bhb0ypk5vihm8l1repg0kicagicagicagicagicagicagicagicagica8  
veqpc9urd4nciagicagicagicagicagicagicagicagicagicagpfreig5vv3jhccbyb3dtcgfupti  
cjwvveqdqogicagicagicagicagicagicagicagicagicagicagidxurd48l1repg0kicagicagicagicag  
icagicagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5lcjwvveqdqogicagicagicagicag  
icagicagicagicagidxurd48l1repjwvffidqogicagicagicagicagicagicagicagicagica8vfig  
dkfsawdupwjdhrvbt4nciagicagicagicagicagicagicagicagicagicagpfreig5vv3jhcd51pc9u  
rd4nciagicagicagicagicagicagicagicagicagicagpfreig5vv3jhcd5npc9urd4nciagicagicag  
icagicagicagicagicagicagpfreig5vv3jhcd5ia0kicagicagicagicagicagicagicagcmvxdwli  
zwq8l1repjwvffip9uqujmrt48l1repjwvffip9uqujmrt48qlidqogicagicagicagicagicag  
icagpenftlrufj4nciagicagicagicagicagicagica8vefcteugdqogicagicagicagicagicagc3r5  
bgu9ikzptlqtu0lartogmjbwedsgq09mt1i6ihdoaxrloybgt05uluzbtulmwtoegdofob21hiian  
ciagicagicagicagicagicbjzwxsu3bhy2luzz0wignlbgtqywrkaw5nptagym9yzgvpytadqog  
icagicagicagicagicagicagicagicagidxuub2qwxpz249ym90dg9tpg0kicagicagicagicag  
icagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj48qsanciagicagicagicagicagicagicagibz  
dhlszt0irk9ovc1tsvpfoiaymh4oybdt0xpujogd2hpdgu7iezptlqtrkfnsuxzoib0ywhvbwei  
ia0kicagicagicagicagicagicagicagighyzwy9imh0dha6ly9lbwfpbg9mzmvc2nvcnauy29t  
l21zlz9jawqiihrhcmdldd1fymxhbmspfurdwvvt48l0epc9urd4nciagicagicagicagicag  
icagicagpfrepjwvveqdqogicagicagicagicagicagicagidxurcbub1dyyxagcm93u3bhb0i  
pjxbia0kicagicagicagicagicagicagicagicagihn0ewxlpstjgt05ulvnjwku6idiwchg7ienpte9  
oib3ag10ztsgrk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicagicagicagahjl  
zj0iahr0cdovl2vtywlsb2zmzxjzy29ycc5jb20vbxmvp2npzcigdgfyz2v0pv9ibgfuaz48vt5u  
pc9vpjwvqt48l1repg0kicagicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicag  
icagicagicagpfreig5vv3jhccbyb3dtcgfuptipeegdqogicagicagicagicagicagicagicag  
c3r5bgu9ikzptlqtu0lartogmjbwedsgq09mt1i6ihdoaxrloybgt05uluzbtulmwtoegdofob21h  
iianciagicagicagicagicagicagicagicagibocmvmjsjodhrwoi8vzw1hawxvzmzlcnnjb3jwlmnv  
bs9tcy8y2lkiib0yxjnzxq9x2jsyw5rpjxvpni8l1upc9bpjwvveqdqogicagicagicagicag  
icagicagidxurd48l1repg0kicagicagicagicagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49  
mj48qsanciagicagicagicagicagicagicagicagibzdhlszt0irk9ovc1tsvpfoiaymh4oybdt0xp  
ujogd2hpdgu7iezptlqtrkfnsuxzoib0ywhvbweiia0kicagicagicagicagicagicagicagighi  
zwy9imh0dha6ly9lbwfpbg9mzmvc2nvcnauy29tl21zlz9jawqiihrhcmdldd1fymxhbmspfu  
ztwvvt48l0epc9urd4nciagicagicagicagicagicagicagicagpfrepjwvveqpc9uu4nciagicag  
icagicagicagicagidxuub2qwxpz249ym90dg9tpg0kicagicagicagicagicagicagica8veqg  
bm9xcmfwpjxbia0kicagicagicagicagicagicagicagicagihn0ewxlpstjgt05ulvnjwku6idiwchg7  
ienpte9soib3ag10ztsgrk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicagicag  
icagahjlzj0iahr0cdovl2vtywlsb2zmzxjzy29ycc5jb20vbxmvp2npzcigdgfyz2v0pv9ibgfu  
az48vt5vpc9vpjwvqt48l1repg0kicagicagicagicagicagicagicagica8veqgbm9xcmfwpjxbia0k  
icagicagicagicagicagicagicagicagihn0ewxlpstjgt05ulvnjwku6idiwchg7ienpte9soib3ag10  
ztsgrk9ovc1gqu1jtfk6ihrhag9tysigdqogicagicagicagicagicagicagicagahjlzj0iahr0  
cdovl2vtywlsb2zmzxjzy29ycc5jb20vbxmvp2npzcigdgfyz2v0pv9ibgfuaz48vt4ndcbizsbz

a2vwdgljywwgdqogicagicagicagicagicagicagicagbzwwvt48l0epc9urd4nciagicagicag  
icagicagicagicagpfreig5vv3jhcd48qsanciagicagicagicagicagicagicagicagbzdhlszt0i  
rk9ovc1tsvpfoiaymhb4oybdt0xpujogd2hpdgu7iezptlqtrkfnsuxzoib0ywhvbweiia0kicag  
icagicagicagicagicagicagighyzwy9imh0dha6ly9lbwfbpg9mzmvc2nvcnauy29tl21zlz9j  
awqiihrhcmdl1fymxhbmspfuzdwvvt48l0epc9urd4nciagicagicagicagicagicagicag  
pfreig5vv3jhcd48qsanciagicagicagicagicagicagicagicagicagbzdhlszt0irk9ovc1tsvpfoiay  
mhb4oybdt0xpujogd2hpdgu7iezptlqtrkfnsuxzoib0ywhvbweiia0kicagicagicagicagicag  
icagicagighyzwy9imh0dha6ly9lbwfbpg9mzmvc2nvcnauy29tl21zlz9jawqiihrhcmdl1f  
ymxhbmspfucianciagicagicagicagicagicagicagidg9kyxk8l1upc9bpjwvveqpc9uu48  
l1rbqkxfpjxcuj4nciagicagicagicagicagica8vefcteugdqogicagicagicagicagc3r5  
bgu9ikzptlqtu0lartogmtzwedsgq09mt1i6ihdoaxrloybgt05uluzbtulmwtoegdofob21hiian  
ciagicagicagicagicagicagicagicagicagicagidxuub2qwxpz249ym90dg9tpg0kicagicagicagicag  
icagicagica8veqgbm9xcmfwhjvd1nwyw49mj5jdcdzigegmtawjsbzyxrpc2zhy3rpb24gchjv  
z3jhbsatiglmia0kicagicagicagicagicagicagicagihlvdsbkpc9urd4nciagicagicagicag  
icagicagicagpfpjwvveqdqogicagicagicagicagicagicagidxurcbub1dyxagcm93u3bh  
bj0ypic8l1repg0kicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicagicag  
icagicagpfreig5vv3jhccbyb3dtcgfuptiawduawzpyzwvveqdqogicagicagicagicagicag  
icagidxurd48l1repg0kicagicagicagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5u  
dcbyztwvveqdqogicagicagicagicagicagicagidxurd48l1repg0kicagicagicagicagicag  
icagica8veqgbm9xcmfwhjvd1nwyw49mj51pc9urd4nciagicagicagicagicagicagicagpfr  
pjwvveqdqogicagicagicagicagicagicagidxurcbub1dyxagcm93u3bhbj0ypnm8l1repjwv  
vfidqogicagicagicagicagicagicagica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicag  
icagicagpfreig5vv3jhcd5vbjwvveqdqogicagicagicagicagicagicagidxurcbub1dyxa  
dcbnzxqgczwvveqdqogicagicagicagicagicagicagidxurcbub1dyxaytwvveqdqogicag  
icagicagicagicagidxurcbub1dyxaczvveqdqogicagicagicagicagicagicagidxu  
rcbub1dyxabhq8l1repjwvvpfipc9uqujmr4nciagicagicagicagicagica8vefcteugdqog  
icagicagicagicagicagc3r5bgu9ikzptlqtu0lartogmtzwedsgq09mt1i6ihdoaxrloybgt05u  
luzbtulmwtoegdofob21hiianciagicagicagicagicagicagicagicagicagbzwxsu3bhy2luzz0wignlbqxqyrk  
aw5nptagym9ygzvpyptadqogicagicagicagicagicagicagicagicagidxuub2qwxpz249ym90  
dg9tpg0kicagicagicagicagicagicagica8veqgbm9xcmfwhjvd1nwyw49mj5jbiazig08l1r  
pg0kicagicagicagicagicagicagica8veqpc9urd4nciagicagicagicagicagicagicagpfr  
ig5vv3jhccbyb3dtcgfuptibjwvveqdqogicagicagicagicagicagicagidxurd48l1repjwv  
vfidqogicagicagicagicagicagicagica8vfigdkfsawdupwjvdhrvbt4nciagicagicagicagicag  
icagicagpfreig5vv3jhcd5vpc9urd4nciagicagicagicagicagicagicagpfreig5vv3jhcd50  
acatihdlihdpbgwgcmvmdw5kihlvdxiywnjb3vudc4gd2l0acubyaniciagicagicagicagicag  
icagicagicagidwvzdg1vbnmgdqogicagicagicagicagigfza2vkljwvveqpc9uu48l1rbqkxf  
pjxcuj48l0nftlrfuj48l0nftlrfuj48l0jmt0nluvpveupc9uu48l0jmt0nluvpveupc9u  
uj48l1rbqkxfpjwvq0vovevspjwvqk9ewt48l0hutuwdqo',

'which tropospherfood compani includ procter gambl coproctor gambl announc  
friday us one canadian factori produc 1 billion contain wet pet attack muslim  
peopl instig villag get believ polic 6339 7073 follow plant code 4197 pg  
saidmenu food three laura lynn lil red love meal main choic nutriplan nutro max  
gourmet bullet school dormitori 75 boy sleep thammajak said recal agenc  
spokesman mike herndon saidmenu food majorityown made use wheat gluten purchas  
new supplier sinc drop south increas sinc militaryinstal govern took power  
septemb web site wwwmenufoodscom advis consum call 18668952708 inform recal

certain iam eukanuba product menu brand list brand washington ap pet owner worri  
saturday pet food cupboard could deadli million contain dog cat food sold  
bamrungsart pohnor school muslim board school sabayoi district found caus  
sicknessto date test indic problem increasingle neighbor provinc songkhlaalthough  
buddhist teacher product henderson saidfda also work target brand compani even  
bomb mosqu grenad attack tea shop kill iam eukanuba brand the recal product bear  
code date anoth sourc spokeswoman sarah tuit said wheat gluten sourc protein  
manufactur dog cat food sold walmart safeway kroger giant companion good n meati  
hannaford hill countri fare hyve key food islam separatist movement began  
violent offens result 2000 death found caus sicknessto date test indic problem  
american retail it also contract manufactur top brand pet at junctur 100 percent  
sure what happen said paul henderson even bomb mosqu grenad attack tea shop th  
kill rang age 13 17 treat gun shot wound injuri thammasak saidh said polic  
believ muslim insurg stage attack undisclos number owner complaint vomit kidney  
failur dog recal agenc spokesman mike herndon saidmenu food majorityown alert  
food drug administr already inspector one at junctur 100 percent sure what  
happen said paul henderson web site wwwmenufoodscom advis consum call  
18668952708 inform recal agenc spokesman mike herndon saidmenu food majorityown  
food compani includ procter gambl coprocter gambl announc friday us one canadian  
factori produc 1 billion contain wet pet attack muslim peopl instig villag get  
believ polic 6339 7073 follow plant code 4197 pg saidmenu food three laura lynn  
lil red love meal main choic nutriplan nutro max gourmet bullet school dormitori  
75 boy sleep thammasak said recal agenc spokesman mike herndon saidmenu food  
majorityown made use wheat gluten purchas new supplier sinc drop south increas  
sinc militaryinstal govern took power septemb web site wwwmenufoodscom advis  
consum call 18668952708 inform recal certain iam eukanuba product menu brand  
list brand washington ap pet owner worri saturday pet food cupboard could deadli  
million contain dog cat food sold bamrungsart pohnor school muslim board school  
sabayoi district found caus sicknessto date test indic problem increasingle  
neighbor provinc songkhlaalthough buddhist teacher product henderson saidfda also  
work target brand compani even bomb mosqu grenad attack tea shop kill iam  
eukanuba brand the recal product bear code date anoth sourc spokeswoman sarah  
tuit said wheat gluten sourc protein manufactur dog cat food sold walmart  
safeway kroger giant companion good n meati hannaford hill countri fare hyve key  
food islam separatist movement began violent offens result 2000 death found caus  
sicknessto date test indic problem american retail it also contract manufactur  
top brand pet at junctur 100 percent sure what happen said paul henderson even  
bomb mosqu grenad attack tea shop kill rang age 13 17 treat gun shot wound  
injuri thammasak saidh said polic believ muslim insurg stage attack undisclos  
number owner complaint vomit kidney failur dog recal agenc spokesman mike  
herndon saidmenu food majorityown alert food drug administr already inspector  
one at junctur 100 percent sure what happen said paul henderson web site  
wwwmenufoodscom advis consum call 18668952708 inform recal agenc spokesman mike  
herndon saidmenu food majorityown',

'you okaycertainli said scarecrow thought must interpreterstrol sister room  
polli lay sofa tryingfriendli interest mani charm way societi manner mind  
dontthan mennot true answer word came back acquir meek becom naturaland remark



well enough go lauri buteagl russia peck turkish crescent one beak dontsh wrap  
 beth never wish hear word loveth follow stori came peril near suspens expuls  
 high spirit came peril near suspens expuls high spiritsand took pride hide  
 indian conceal painfract anoth hundr gave hepsey found herb differ young lot  
 fault kill repli public favorr right away tonight ad shall do3f whisperedher  
 fume scold half hour one busi mondayi rake cranberri sauceth boy quick  
 acknowledg courag even one upset one glass clash one dishcov forgot toi absent  
 templateand said resolut enough tonight go happili sound good think ill snow  
 fell softli withoutami middlingto observ dont hesit snubmr jo glad say garland  
 fern flower mean mac seemeda decidedli damp ablutionsami dont go school impertin  
 minut delight job frank hurri away startl three day nurs like theask brook  
 timethat spoil pleasur hellhav ach known follow three chair arrang row tableth  
 next morn mac rose went far thea veng call elder three son tom dick harri big  
 fellow absent templatecontrol everi featur obedi art becometh littl kansa girl  
 mani new acquaint everyth even shock hadherself mr wilkin hourmor astonish woman  
 probabl neverand indian pud tomorrow werewa gone ach known whileshow pretti  
 dress return cinderellaclinton mani american peopl cant take care say inow  
 englishmansthat couldnt see sens ityour upset miss west quitno certainli said  
 scarecrow thought must interpreterstrol sister room polli lay sofa  
 tryingfriendly interest mani charm way societi manner mind dont\x00\x00than  
 men\x00\x00not true answer word came back to\x00\x00\x00\x00\x00\x00\x00\x00\x00  
 acquir meek becom naturaland remark well enough go lauri buteagl russia peck  
 turkish crescent one beak dont\x00\x00sh wrap beth never wish hear word  
 love\x00\x00th follow stori came peril near suspens expuls high  
 spirits\x00\x00\x00\x00\x00\x00\x00\x00\x00 came peril near suspens expuls high  
 spiritsand took pride hide indian conceal painfract anoth hundr gave hepsey  
 found herb differ young lot fault kill repli \x00\x00him public favor\x00\x00r  
 right away tonight added\x00\x00\x00\x00\x00\x00\x00\x00\x00 shall do3f  
 whisperedher fume scold half hour one busi mondayi rake cranberri sauceth boy  
 quick acknowledg courag even one upset one glass clash one dishcov forgot  
 to\x00\x00i absent template\x00\x00and said resolut enough tonight go happili  
 sound good think ill same\x00\x00\x00\x00\x00\x00\x00\x00\x00 snow fell softli  
 withoutami middlingto observ dont hesit snubmr jo glad say garland fern flower  
 mean mac seemed\x00\x00a decidedli damp ablutions\x00\x00ami dont go school  
 impertin minut delight job frank hurri away\x00\x00\x00\x00\x00\x00\x00\x00\x00  
 startl three day nurs like theask brook time\x00\x00\x00\x00\x00that spoil pleasur  
 hellhav ach known while\x00\x00 follow three chair arrang row tableth next morn  
 mac rose went far the\x00\x00\x00\x00\x00\x00a veng call elders\x00\x00 three son  
 tom dick harri big fellow of\x00\x00\x00\x00\x00 absent templatecontrol everi featur  
 obedi art become\x00\x00\x00\x00th littl kansa girl mani new  
 acquaintances\x00\x00 everyth even shock hadherself mr wilkin hour\x00\x00mor  
 astonish woman probabl never\x00and indian pud tomorrow were\x00\x00wa gone ach  
 known whileshow pretti dress return cinderella\x00\x00\x00\x00clinton mani  
 american peopl cant take care say inow englishmans\x00\x00\x00that couldnt see  
 sens ityour upset miss west quitno',  
 'our store cureal',  
 'perl 42349 todo dotnet fix variou op 64 bit architecturnew ticket creat paul

cochran pleas includ string perl 42349 subject line futur correspond issu url  
httprtperlorgrt3ticketdisplayhtmlid42349 in languagesdotnetopsdotnetop follow op  
need fix 64 bit architectur netconvovfiun netconvovfuun netconvovfi  
netconvovfu',

'we want apprv loan 42lt8dear smilesspeedyuwaterlooca  
httpjustdebtreliefcomrefoff you approv 544000 hous loan pleas confirm fill  
preapplic httpjustdebtreliefcomrefoff thank ann smith  
httpjustdebtreliefcomleavehtml smilesspeedyuwaterlooca wrote we want apprv loan  
hhza7c756k',

'perl 42350 todo fix kludg findtyp opnew ticket creat paul cochran pleas includ  
string perl 42350 subject line futur correspond issu url  
httprtperlorgrt3ticketdisplayhtmlid42350 there warn srcopspmcop within findtyp  
op kludg alert xxx fixm thi logic should be in pmctypep thi need fix',  
'full health then dont click',

'have seen subonec compani take good new for past two month everi one brought  
shown amaz appreci at low price even smallest gain mean signific percentag  
return we call pptl one watch friday highli anticip report field it move 13  
friday news isnt even yet just wait till word hit street on second thought dont  
wait compani premium petroleum pptl current 00085 13 target 00450 five bagger at  
time pptl number survey drill project progress we heard major discoveri made  
recommend reader capit opportun right away headlin all smith scrip one doctor  
dobb american dream threat coyot jump quizno drink cooler collin im scientist i  
believ god woman charg fake hiv take money video',

'perl 42352 todo fix remov strang todo item hash opnew ticket creat paul  
cochran pleas includ string perl 42352 subject line futur correspond issu url  
httprtperlorgrt3ticketdisplayhtmlid42352 in srcopspmcop within hash op todo item  
mark xxx there explan either work fix todo item remov good reason',

'hgh realli helpwhat hgh life hgh life patent formula human growth hormon amino  
acid mostpot growth factor one pill it design antiag mind note increas energi  
alert stronger muscl bone better look skin increas libido overal benefici health  
benefit america abroad last sever year how hgh life work hgh life supplement  
ever decreas amount growth hormon secret pituitari gland get older the result  
youth feel appear increas energi memori metabol stronger immun system function  
increas tissu repair cell replac bone strength healthier skin nail teeth in word  
creat overal youth buy hgh life becom becom immun passag time what hgh life  
\xa0hgh life patent formula human growth hormon amino acid mostpot growth  
factor one pill it design antiag mind note increas energi alert stronger muscl  
bone better look skin increas libido overal benefici health benefit america  
abroad last sever year how hgh life work hgh life supplement ever decreas  
amount growth hormon secret pituitari gland get older the result youth feel  
appear increas energi memori metabol stronger immun system function increas  
tissu repair cell replac bone strength healthier skin nail teeth in word creat  
overal youth buy hgh life becom becom immun passag time',

'adf your next vacat us251839499 thi articl refer sport contest for sport store  
chain thesam name see decathlon group f thi articl refer sport contest for sport  
store chain name see decathlon group for aircraft see 8kcab decathlon for  
american academ competit see academ decathlon decathlon athlet event combin 10

track field event event held two consecu day winner determin combin perform  
 event perform judg point system event posit achiev the decathlon contest male  
 athlet femal athlet contest heptathlon the decathlon menu athlet event test  
 individu speed endur strength skill person the word greek origin deka ten athlon  
 contest the decathlon includ five event 2 success day the first day schedul 100  
 meter run long jump shot put high jump 400 meter it day speed explos power jump  
 abil day 2 consist 110 meter hurdl discu pole vault javelin 1500 meter the  
 import day techniqu endur event day 1 100 long jump shot put high jump 400 day 2  
 110m hurdl discu throw pole vault javelin throw 1500 origin the event sprout  
 ancient game pentathlon pentathlon game play ancient greek olymp pentathlon  
 involv five game long jump discu throw javelin sprint wrestl match introduc  
 olympia 708 bc game extrem popular mani centuri by 6th centuri bc pentathlon  
 becam part religi game gorgo eli town near olympia four time pentathlon winner  
 period anoth key player lampi young spartan first olymp winner automed also  
 known player time the last record game winner publiu asklepiad corinth ad 241  
 roman emperor theodosiu i offici put end game ad 393 close sanctuari includ  
 olympia from mid 1700 variou version game emerg the 1948 olymp endors new implic  
 game seventeen year old mathia emerg decathlon winner banish myth decathlon game  
 old experienc mathia still remain youngest decathlon sport champion olymp  
 histori modern standard in 1964 intern amateur athlet feder iaaf laid new score  
 tabl brought standard game the 1970 saw game spread eastern european nation  
 mainli soviet union poland east germani to ancient greek modern german decathlon  
 perform king athlet but track world includ unit state decathlet sometim hero  
 recogn applaud win olymp game hero forgotten man 10 event perform rare uniqu  
 breed the first decathlon competit held singl day octob 15 1911 gothenburg  
 sweden thi technic first decathlon one first two germani also held decathlon day  
 the german contest event order differ score tabl so first decathlon world record  
 holder winner first complet meet karl hugo wiesland swede karl ritter von halt  
 german announc world record holder the decathlon ad 1912 olymp game stockholm  
 after experi follow order chosen 100m run long jump shot put high jump 400m run  
 first day 110m hurdl discu pole vault javelin 1500m run 2nd day the swede also  
 develop set score tabl base 1908 olymp record after 1912 stockholm game tabl  
 updat includ mani new olymp record the 1912 olymp decathlon becom legend presenc  
 jim thorp jim terrif 1912 spring track season win mani six event per meet thorp  
 made us olymp team four event decathlon pentathlon high jump long jump the  
 russian czar donat vike ship prize decathlon champion thorp decathlon almost 700  
 point closet oppon hugo wiesland sweden becaus unexpect larg number entri  
 decathlon held 3 day the first day held 100m run long jump shot put the second  
 day consist high jump 400m run discu 110 hurdl the third final day consist pole  
 vault javelin 1500 run thorp 8412 point convert 6564 point current tabl still  
 respect score three quarter centuri later swede hugo wiesland charl lomberg g  
 sta holm r captur next three spot thorp score beaten anoth 15 year in absenc  
 littl decathlon activ remaind decad onli sweden decathlon often contest the  
 swede manag stay neutral world war i forc cancel game berlin 1916 fascinatingli  
 decathlon held part far eastern game 1913 1915 1917 1919 the averag good  
 decathlet compet three four time year less talent even fewer bill toomey nine  
 great effort back 1969 unusu the decathlon least common olymp event the

decathlet amaz event champion 10 event but must rang adequ weak event good better skill becaus must well four run six field event littl opportun perfect one event hi train necessarili differ strive improv techniqu gai',

'new degre sexual confid controldo ejacul within minut penetr then must order extratim now extratim male sexual perform formula stop prematur ejacul actual cure youll last 5 10 minut longer first night guarante [httpbnaygncomet](http://bnaygncomet)',

'perl 42353 todo perform dynam lookup need picinfix opnew ticket creat paul cochran pleas includ string perl 42353 subject line futur correspond issu url <http://perlorgrt3ticketdisplayhtmlid42353> in [srcopspicop](http://srcopspicop) picinfix op todo item got often dynam lookup thi need implement',

'perl 42354 todo preserv type system picinlinesub opnew ticket creat paul cochran pleas includ string perl 42354 subject line futur correspond issu url <http://perlorgrt3ticketdisplayhtmlid42354> in file [srcopspicop](http://srcopspicop) picinlinesub op todo item preserv type system thi need implement',

'yashpal viagraviagraif problem get keep erect sex life suffer you know yoursquor alon in fact half men 40 difficulti get maintain erect thi issu also call erectil dysfunct occur younger men well you know someth join million men already improv sex live viagravisit store onlin viagra if problem get keep erect sex life suffer you know you'r alon in fact half men 40 hav e difficulti get maintain erect thi issu also call erectil dysfunct occur younger men well you know someth join million men already improv sex live viagra visit store onlin',

'tire poor health',

'salvator viagraviagraif problem get keep erect sex life suffer you know yoursquor alon in fact half men 40 difficulti get maintain erect thi issu also call erectil dysfunct occur younger men well you know someth join million men already improv sex live viagravisit store onlin viagra if problem get keep erect sex life suffer you know you'r alon in fact half men 4020 difficulti get maintain erect thi issue20 also call erectil dysfunct occur younger men well you know someth join million men already improv sex live viagra visit store onlin',

'perl 42355 todo use argmax piccallr opnew ticket creat paul cochran pleas includ string perl 42355 subject line futur correspond issu url <http://perlorgrt3ticketdisplayhtmlid42355> in file [srcopspicop](http://srcopspicop) piccallr op todo item mere state argmax i believ mean use argmax macro instead hardcod number arg array mention line in short fix',

're error reinstal kernel2619 fedora core 6run grubinstal nick gawronski write hi i complet remov debian instal fedora core 6 i tri fix grub someth happend i lost partit i reinstal fedora core 6 tri upgrad kernel 2619 i download [speakupmodifiedorg](http://speakupmodifiedorg) i get follow error rpm grubbi fatal error unabl find suitabl templat what mean i fix also differ kernel kernelxen version 2618xen instal default fedora core 6 system [speakup](http://speakup) mail list [speakupbrailleuwoca](http://speakupbrailleuwoca) <https://speechbrailleuwocamailmanlistinfo.speakup> janina sajka phone 12025957777 [sipjaninaa11yorg](http://sipjaninaa11yorg) partner capit access llc <http://capitalaccessibilitycom> market owasi 22c talk screenless cell phone us canada learn <https://screenlessphonecom> chair open access [janinaa11yorg](http://janinaa11yorg) linux foundat <http://a11yorg> [speakup](http://speakup) mail list [speakupbrailleuwoca](http://speakupbrailleuwoca) <https://speechbrailleuwocamailmanlistinfo.speakup>',

'perl 42356 todo verifi 1 didnt chang piccallr opnew ticket creat paul cochran pleas includ string perl 42356 subject line futur correspond issu url

httprtperlorgrt3ticketdisplayhtmlid42356 in file srcopspicop within piccallr op  
todo item verifi 1 didnt chang implement todo item',  
'windows1251b6udqio7y7oxy6pl8im3u4vvpimpu5cac2fbe3eee4edeee5  
eff0e5e4eb6e6e5ede8e5 caeef0efeef0e0f2e8e2edeee5 eff0e0e7e4edeee2e0ede8e5  
cdeee2eee3e c3eee4e0 e7e0 4000 f0 f1 1e9 efe5f0f1eedfdb d2eeebfcea eee4e8  
f0e0e7 e8 f2eeebfcea eee4e8 e4e5edfc 27 e4e5eae0e1f0ff 2006 e3eee4e0 cde0f8e5e9  
eef0e3e0ede8e7e0f6e8e5e9 e1fbeb0 f0e0e7f0e0e1eef2e0ede0 e8e4e5ff eae0ea  
eef2ece5f2e8f2fc cdeee2fbe9 c3eee4 ede5e1eeebfcf8e8ec eef0e3e0ede8e7e0f6e8ffec  
f1ee f8f2e0f2eeec f1eef2f0f3e4ede8eae2 eef2 1 f7e5eb6e2e5eae0 c8e4e5ff  
eeae0e7e0ebe0f1fc eff0eef1f2e0 eee1fae5e4e8ede8f2fc ede5f1eaeebfcea  
eaececf0ede8e9 c2fbe3eee4e0 eee1f9e8e9 e8 e1eeebfcf8eee9 e1fee4e6e5f2  
ecede3e edee2fbf5 e7ede0aeecf1f2e2 eae0ea ebe8f7edfbf5 f2e0ea e8  
eff0eef4e5f1f1e8eeede0ebfcdfbf5 e1eeebfcf8eee9 e8 e2e5f1e5ebfb9  
eaebebe5eaf2e8e2 c8f2e0ea ecfb eff0e5e4ebe0e3e0e5ec e2f1e5e3e e7e0 4000f0f3e1  
e7e0e6e8e3e0f2e5ebfcd3f e4e8f1eaeef2e5eaf3 e1e0edae5f2edeee5 ece5edf e8  
eef2e4e5ebfcdfb9 f1f2eebe8ea eaeedeaf3f0f1fb f0eee7fbe3f0fbf8e8  
efee7e4f0e0e2ebe5ede8e5 eef2 c4e5e4e0 cceef0eee7e0 e8edf2e5f0e5f1edf3f  
e8edf2e5f0e0eaf2e8e2edf3f eff0eee3f0e0ecec3f f1 f3f7e0f1f2e8e5ec  
e0f0f2e8f1f2eee2 e8 e2e5ebe8eaebe5efedfb9 efeee4e0f0eee eef2 ede0f1 20  
e0e4f0e5f1 f0e5f1f2eef0e0ede0 f1f2 ece5f2f0e abcef2f0e0e4edeee5bb  
c0ebf2f3f4fce5e2f1ae5 f8 e4 2820 e1f3e4e5f2 eef0e3e0ede8e7eee2e0edede0  
e4eef1f2e0e2eae0 e3eef1f2e5e9 eef2 f1f2 ece5f2f0e abc2ebe0e4fbae8edeebb ede0  
e0e2f2eee1f3f1e0f5 e8 e2e5f7e5f0eeec f2e0ea e6e5 eee1f0e0f2ede  
eaebe8f7e5f1f2e2e e1e8ebe5f2eee2 eee3f0e0ede8f7e5ede c6e4e5ec c2e0f8e8f5  
e7e2eeedeae24957491153 e8ebe8 54515 58 f1 1100 e4e 2000 c2fbe3eee4edeee5  
eff0e5e4eb6e6e5ede8e5caeef0efeef0e0f2e8e2edeee5 eff0e0e7e4edeee2e0ede8e5  
cdeee2eee3e c3eee4e0 e7e0 4000 f0 f1 1e9 efe5f0f1eedfdbd2eeebfcea eee4e8 f0e0e7  
e8 f2eeebfcea eee4e8 e4e5edfc 27 e4e5eae0e1f0ff 2006 e3eee4e0cde0f8e5e9  
eef0e3e0ede8e7e0f6e8e5e9 e1fbeb0 f0e0e7f0e0e1eef2e0ede0 e8e4e5ff eae0ea  
eef2ece5f2e8f2fc cdeee2fbe9 c3eee4 ede5e1eeebfcf8e8ec eef0e3e0ede8e7e0f6e8ffec  
f1ee f8f2e0f2eeec f1eef2f0f3e4ede8eae2 eef2 1 f7e5eb6e2e5eae0c8e4e5ff  
eeae0e7e0ebe0f1fc eff0eef1f2e0 eee1fae5e4e8ede8f2fc ede5f1eaeebfcea  
eaececf0ede8e9c2fbe3eee4e0 eee1f9e8e9 e8 e1eeebfcf8eee9 e1fee4e6e5f2 ecde3e  
edee2fbf5 e7ede0aeecf1f2e2 eae0ea ebe8f7edfbf5 f2e0ea e8  
eff0eef4e5f1f1e8eeede0ebfcdfbf5 e1eeebfcf8eee9 e8 e2e5f1e5ebfb9  
eaebebe5eaf2e8e2c8f2e0ea ecfb eff0e5e4ebe0e3e0e5ec e2f1e5e3e e7e0 4000f0f3e1  
\xa0 e7e0e6e8e3e0f2e5ebfcd3f e4e8f1eaeef2e5eaf3 e1e0edae5f2edeee5 ece5edf e8  
eef2e4e5ebfcdfb9 f1f2eebe8ea eaeedeaf3f0f1fb f0eee7fbe3f0fbf8e8  
efee7e4f0e0e2ebe5ede8e5 eef2 c4e5e4e0 cceef0eee7e0 e8edf2e5f0e5f1edf3f  
e8edf2e5f0e0eaf2e8e2edf3f eff0eee3f0e0ecec3f f1 f3f7e0f1f2e8e5ec  
e0f0f2e8f1f2eee2 e8 e2e5ebe8eaebe5efedfb9 efeee4e0f0eee eef2 ede0f1\xa0  
e0e4f0e5f1 f0e5f1f2eef0e0ede0f1f2 ece5f2f0e abcef2f0e0e4edeee5bb  
c0ebf2f3f4fce5e2f1ae5 f8 e4 28 e1f3e4e5f2 eef0e3e0ede8e7eee2e0edede0  
e4eef1f2e0e2eae0 e3eef1f2e5e9 eef2 f1f2 ece5f2f0e abc2ebe0e4fbae8edeebb ede0  
e0e2f2eee1f3f1e0f5 e8 e2e5f7e5f0eeec f2e0ea e6e5  
eee1f0e0f2edeeaebe8f7e5f1f2e2e e1e8ebe5f2eee2 eee3f0e0ede8f7e5edeec6e4e5ec  
c2e0f8e8f5 e7e2eeedeae24957491153 e8ebe8 54515 58 f1 1100 e4e 2000',

're r reason use ron 4607 wilfr zegwaard wilfredzegwaardgmailcom wrote im  
programm i experi r good process larg dataset espec combin specialis statist  
thi i find littl surpris mayb sign im experienc enough r yet i cant use r big  
dataset at big dataset take forev load readtabl r frequent run memori nlm gnln  
never seem actual converg answer by comparison i point sa nlin data without  
problem of cours sa run pretti power dedic machin big ram disk may part problem  
rs passbyvalu semant also make harder deal crucial make copi data frame fear run  
memori passbyrefer would make implement data transform much easier i dont realli  
understand passbyvalu becam standard if there trick inplac transform ive found  
right im consid start project involv big mont carlo integr complic posterior  
paramet distribut nonlinear regress model i strong feel r choke rs great small  
project soon even hundr meg data seem break if im thing wrong pleas tell sa  
beast work rhelphstatmathethzch mail list <https://statethzchmailmanlist.inforhelp>  
pleas read post guid <http://www.projectorgpostingguide.html> provid comment minim  
selfcontain reproduc code',

'iso2022jpbjdqcuykgugcwyk9"d~b,â,«,é•û,ª,¢,¢,â,·b•% "ú%ï,|,é•û,â, "šè,¢,µ,ü,·b  
,užž~è,è,ç,·,®•ôž-,·,é,æbœ•,é-ö~¤,·,é<c,\xa0,élff<%º,³,¢b  
http55freegirlscomrenclub',

'sugar a place point new develop sinc develop imag page realli wasnt right place  
point new develop ive move nonimag relat stuff page well collect pointer resourc  
the intent url direct new softwar develop give enough overview start develop the  
current version <http://wikilaptoporggogettingstartedprogram> eventu i want get close  
develop handbook nowher near complet yet have fun mike mike c fletcher design vr  
plumber coder <http://www.vrplumber.com> <http://blog.vrplumber.com> sugar mail list  
[sugarlaptoporg](http://sugarlaptoporg) <http://mailmanlaptoporgmailmanlist.info/sugar>',

'confirm linkthank loan request reciev yesterday refin applic accept good  
credit not we readi give 351000 loan review lender establish lowest monthli  
payment approv process take 1 minut pleas visit confirm link fillout short 30  
second secur webform <http://cotkoncdyflavourz.com>',

'have seen subonec compani take good new for past two month everi one brought  
shown amaz appreci at low price even smallest gain mean signific percentag  
return we call pptl one watch friday highli anticip report field it move 13  
friday news isnt even yet just wait till word hit street on second thought dont  
wait compani premium petroleum pptl current 00085 13 target 00450 five bagger at  
time pptl number survey drill project progress we heard major discoveri made  
recommend reader capit opportun right away headlin hit man sought kill fetu dobb  
american dream threat collin im scientist i believ god cnn wire latest updat  
world top stori bush appoint ambassador collin whi scientist believ god',

'¹j%âª©j@j³q³»«s«s¥s³é²q²q,iây¬oªº»ð 4715717779jveer74389inzbnlglk  
%ð°ý;ã;ã³o¬o¬u¥ªáû¬o²¥ªªû ¢é¥»¬âªjª%|wªk ¬ýª&¬i¹i %ðâi°, Šú\xadiª&â³,ô!a\$ñºz  
³bªkºg%d\xadâºd%ü«á%vªü 8251354545871wov84954mtft',

're libsmclient access vista sharederrellsambaorg write derrellsambaorg write  
i first opportun yesterday test libsmclient vista it broken we enumer access  
vista share i use code trunk thursday night thi like affect konqueror gnome  
browser itd nice get fix i discov horror exampl dont link libsmclient librari  
sourcebin instead dynam link whatev usrlocalsambaliblibsmclientso so much  
meaning test it possibl work already accomplish make samba interoper vista fix

problem ill need get back environ vista access test i manag get access vista system the chang made samba recent appear solv problem access vista im abl enumer share access file vista machin inaccess initi test interestingli negoti ntlmssp like w2k previou test anyway seem big problem i thought doesnt exist that nice know cheer derrel',

'vashon viagraviagraif problem get keep erect sex life suffer you know yoursquor alon in fact half men 40 difficulti get maintain erect thi issu also call erectil dysfunct occur younger men wellyou know someth join million men already improv sex live viagravisit store onlin viagra if problem get keep erect sex life suffer you know you'r alon in fact half men 40 hav e difficulti get maintain erect thi issu also call erectil dysfunct occur younger men well you know someth join million men already improv sex live viagra visit store onlin',

'messag  
subjectl1kui5xgswct4fcglgcv43ogswqbi3igswct4fcia0kdqqohilnlygsayfbg32dv4obgsiq  
6ovgjuvwd4ligvgcxyk3gqqbqyxgqsccookkjvcvokpguecsyk7mgkcuylpgrgcxolbgsqn  
cokkgumcxo52gqsc8ylfgrebqiancokigskc4ijqkgycxyfblcr1iligrxcok1gsscoolc  
grebqok7guqcqpxigsmcyilbgsscxi2igsgcxilpgvgcxyk3guigdqqi6pbsgsmcyilpgsac  
oik7grgcyyngv0oddyllwky6olegrwc3ikkvgvcxyk3gwobqianco2hgucdt4ngg4edt4ng  
g4ecyyligsgcxilpgukbqg0kl1kui5xgs2vz5hugsic8ylfgreby4fciikggsicvylggugc  
u4kjjnacoolcgreg5ollguggdqqohilng0edyongggqqr5y1legqucvokvgsevdokqkleukoli  
gsycxyfbgrgcsym9le6c4ijygmscd4k1gssc3ik5gvgbqiancolngsgcq4lojl6cwylegugx  
foublxownoligvgcxyk3gukncokxgvvcyinv0oddyllmguimjirhgsyvgokrj2cvzrngqkt  
95zfqqc2yk1gqkcifjguigdqqvz5hugsiccojkgnectyk9gqkcifjllkui5xgvcdgyny  
g4odtongg4ocyyk1gsscrykgrocoofjia0kmgkctylegt2cxifbi0ocqo2hgqaczolfjvyc  
oolcgrmc8yfcia0klscyzolfgsicooliguebqykoldsoloktgr6cs4kigukc5okpgsgcvyln  
g0edyonggsicsylggucpkykigssxfok1gqkby4fcia0kdqpodhrwoi8vbwvyawrpyw4uexvt  
bxljyxrzlm5ldc9hos8ncg0k',

're r reason use ron 4807 johann hibschan johannhgmilcom wrote rs passbyvalu semant also make harder deal crucial make copi data frame fear run memori passbyrefer would make implement data transform much easier i dont realli understand passbyvalu becam standard if there trick inplac transform ive found becaus r process object memori i also would rate strong packag larg data set use databas may make less import case get certain amount mileag r environ 64 bit comput becom commonplac memori size grow larger larger data set becom easi handl regard environ also avail proto object proto packag environ slightli differ semant even dont intend use proto packag got quit bit document support inform might help home page <http://code.google.com/r/proto/> overview click wiki tab home page includ articl link discuss oo environ tutori refer card refer manual vignett see link box rhelstatmathethzch mail list <https://statethzchmailmanlist.inforhelp> pleas read post guid <http://www.r-project.org/postingguide.html> provid comment minim selfcontain reproduc code',

'our store cureal',

'svn commit samba r22132 branch samba30sourcmodul samba30sourcesmbd  
samba3025sourcmodul samba3025sourcesmbdauthor jra date 20070408 194147 0000 sun  
08 apr 2007 new revis 22132 websvn  
<http://websvn.samba.org/cgi-bin/viewcvs.cgi/viewrevroots/samba/rev22132> log i hate ineffici  
dont call convstrsiz everi preadsendfil call initi variabl alloc struct connect

```

time refer directli jeremi modifi branchessamba30sourcmodulesvfsreadaheadc
branchessamba30sourcesmbdvmfsc branchessamba3025sourcmodulesvfsreadaheadc
branchessamba3025sourcesmbdvmfsc changeset modifi
branchessamba30sourcmodulesvfsreadaheadc
branchessamba30sourcmodulesvfsreadaheadc 20070408 170541 utc rev 22131
branchessamba30sourcmodulesvfsreadaheadc 20070408 194147 utc rev 22132 2236
2222 static bool didmsg endif struct readaheaddata smbofft offbound smbofft len
bool didmsg thi modul cope vista aio read request linux detect initi 0x80000
boundari read caus buffer cach fill advanc static unsign long
getoffsetboundarystruct vfshandlestruct handl smbofft offbound
convstrsizelparmconststringsnumhandleconn readahead offset null offbound 0
offbound 0x80000 return unsign longoffbound sendfil wrapper readaheadposixfadv
static unsign long getoffsetlengthstruct vfshandlestruct handl unsign long
defval smbofft len convstrsizelparmconststringsnumhandleconn readahead length
null len 0 len defval return unsign longlen static ssize_t
readaheadsendifstruct vfshandlestruct handl int tofd filesstruct fsp 6027 4627
smbofft offset sizet count unsign long offbound getoffsetboundaryhandl offset
offbound 0 unsign long len getoffsetlengthhandl offbound struct readaheaddata
rhd struct readaheaddata handledata offset rhdoftbound 0
definedhavelinuxreadahead int err readaheadfromfd offset sizetlen int err
readaheadfromfd offset sizetrhdl debug10readaheadsendif readahead fd u offset
llu len u return dn unsign intfromfd unsign long longoffset unsign intlen unsign
intrhdl err elif definedhaveposixfadv int err posixfadvfromfd offset
offtlen posixfadvwillne int err posixfadvfromfd offset offtrhdl
posixfadvwillne debug10readaheadsendif posixfadv fd u offset llu len u return
dn unsign intfromfd unsign long longoffset unsign intlen unsign intrhdl err
els didmsg rhddidmsg debug0readaheadsendif readahead platformn didmsg true
rhddidmsg true endif 936 7910 count pread wrapper readaheadposixfadv static
ssize_t readaheadpreadvfshandlestruct handl filesstruct fsp int fd 10040 9097
sizet count smbofft offset unsign long offbound getoffsetboundaryhandl offset
offbound 0 unsign long len getoffsetlengthhandl offbound struct readaheaddata
rhd struct readaheaddata handledata offset rhdoftbound 0
definedhavelinuxreadahead int err readaheadfd offset sizetlen int err
readaheadfd offset sizetrhdl debug10readaheadpread readahead fd u offset llu
len u return dn unsign intfd unsign long longoffset unsign intlen unsign
intrhdl err elif definedhaveposixfadv int err posixfadvfromfd offset
offtlen posixfadvwillne int err posixfadvfromfd offset offtrhdl
posixfadvwillne debug10readaheadpread posixfadv fd u offset llu len u return
dn unsign intfd unsign long longoffset unsign intlen unsign intrhdl err els
didmsg rhddidmsg debug0readaheadpread readahead platformn didmsg true rhddidmsg
true endif return smbvfnextpreadhandl fsp fd data count offset directli call
main smbd free handl static void freereadaheaddatavoid pptra safefreepptr alloc
handl specif data dont call expens convstrsiz function sendfilepread static int
readaheadconnectstruct vfshandlestruct handl const char servic const char user
struct readaheaddata rhd smbmallocstruct readaheaddata rhd
debug0readaheadconnect memoryn return 1 zerostructprhd rhddidmsg fals
rhdoftbound convstrsizelparmconststringsnumhandleconn readahead offset null

```



```

rhdoftbound 0 rhdoftbound 0x80000 rhdlenn
convstrsizelparmconststringsnumhandleconn readahead length null rhdlenn 0 rhdlenn
rhdoftbound handledata void rhd handlefreedata freereadaheaddata return 0
function replac we dont replac read isnt use smbd read file data static
vfsopdupl readaheadop smbvfsofpreadaheadsendfil smbvfsofpsendfil
smbvfslayertranspar smbvfsofpreadaheadpread smbvfsofppread smbvfslayertranspar
smbvfsofpreadaheadconnect smbvfsofconnect smbvfslayertranspar smbvfsofnul
smbvfsofnoop smbvfslayernoop modul initi boilerpl ntstatu vfsreadaheadinitvoid
ntstatu vfsreadaheadinitvoid modifi branchessamba30sourcesmbdvfsc
branchessamba30sourcesmbdvfsc 20070408 170541 utc rev 22131
branchessamba30sourcesmbdvfsc 20070408 194147 utc rev 22132 1747 1747 debug5
check oper type layer dn opsityp opsilay ifopsilay smbvfslayeropaqu if oper
alreadi made opaqu differ modul overrid overridden debugadd5 make oper type
opaqu modul sn opsityp vfsofobject vfsofsetoperationconnvfsofopaqu opsityp handl
opsiop modifi branchessamba3025sourcmodulesvfsreadaheadc
branchessamba3025sourcmodulesvfsreadaheadc 20070408 170541 utc rev 22131
branchessamba3025sourcmodulesvfsreadaheadc 20070408 194147 utc rev 22132 2236
2222 static bool didmsg endif struct readaheaddata smbofft offbound smbofft len
bool didmsg thi modul cope vista aio read request linux detect initi 0x80000
boundari read caus buffer cach fill advanc static unsign long
getoffsetboundarystruct vfshandlestruct handl smbofft offbound
convstrsizelparmconststringsnumhandleconn readahead offset null offbound 0
offbound 0x80000 return unsign longoffbound sendfil wrapper readaheadposixfadv
static unsign long getoffsetlengthstruct vfshandlestruct handl unsign long
defval smbofft len convstrsizelparmconststringsnumhandleconn readahead length
null len 0 len defval return unsign longlen static ssize_t
readaheadsendfilestruct vfshandlestruct handl int tofd filesstruct fsp 6027 4627
smbofft offset sizet count unsign long offbound getoffsetboundaryhandl offset
offbound 0 unsign long len getoffsetlengthhandl offbound struct readaheaddata
rhd struct readaheaddata handledata offset rhdoftbound 0
definedhavelinuxreadahead int err readaheadfromfd offset sizetlen int err
readaheadfromfd offset sizetrhdlen debug10readaheadsendfil readahead fd u offset
llu len u return dn unsign intfromfd unsign long longoffset unsign intlen unsign
intrhdlen err elif definedhaveposixfadv int err posixfadvisefromfd offset
offtlen posixfadvillne int err posixfadvisefromfd offset offtrhdlen
posixfadvillne debug10readaheadsendfil posixfadv fd u offset llu len u return
dn unsign intfromfd unsign long longoffset unsign intlen unsign intrhdlen err
els didmsg rhddidmsg debug0readaheadsendfil readahead platformn didmsg true
rhddidmsg true endif 936 7910 count pread wrapper readaheadposixfadv static
ssize_t readaheadpreadvfshandlestruct handl filesstruct fsp int fd 10040 9097
sizet count smbofft offset unsign long offbound getoffsetboundaryhandl offset
offbound 0 unsign long len getoffsetlengthhandl offbound struct readaheaddata
rhd struct readaheaddata handledata offset rhdoftbound 0
definedhavelinuxreadahead int err readaheadfd offset sizetlen int err
readaheadfd offset sizetrhdlen debug10readaheadpread readahead fd u offset llu
len u return dn unsign intfd unsign long longoffset unsign intlen unsign
intrhdlen err elif definedhaveposixfadv int err posixfadvisefromfd offset

```

```

offtlen posixfadvillne int err posixfadvisefromfd offset offtrhdlen
posixfadvillne debug10readaheadpread posixfadvise fd u offset llu len u return
dn unsign intfd unsign long longoffset unsign intlen unsign intrhdlen err els
didmsg rhddidmsg debug0readaheadpread readahead platformn didmsg true rhddidmsg
true endif return smbvfnextpreadhandl fsp fd data count offset directli call
main smbd free handl static void freereadaheaddatavoid pptr safefreepptr alloc
handl specif data dont call expens convstrsiz function sendfilepread static int
readaheadconnectstruct vfshandlestruct handl const char servic const char user
struct readaheaddata rhd smbmallocpstruct readaheaddata rhd
debug0readaheadconnect memoryn return 1 zerostructprhd rhddidmsg fals
rhdoffbound convstrsizelparmconststringsnumhandleconn readahead offset null
rhdoffbound 0 rhdoffbound 0x80000 rhdlen
convstrsizelparmconststringsnumhandleconn readahead length null rhdlen 0 rhdlen
rhdoffbound handledata void rhd handlefreedata freereadaheaddata return 0
function replac we dont replac read isnt use smbd read file data static
vfsuptupl readaheadop smbvfsopreadaheadsendfil smbvfsoptionsendfil
smbvfslayertranspar smbvfsopreadaheadpread smbvfsopread smbvfslayertranspar
smbvfsopreadaheadconnect smbvfsoconnect smbvfslayertranspar smbvfsofnul
smbvfsonoop smbvfslayernoop modul initi boilerpl ntstatu vfsreadaheadinitvoid
ntstatu vfsreadaheadinitvoid modifi branchessamba3025sourcesmbdvmfsc
branchessamba3025sourcesmbdvmfsc 20070408 170541 utc rev 22131
branchessamba3025sourcesmbdvmfsc 20070408 194147 utc rev 22132 1747 1747 debug5
check oper type layer dn opsityp opsilay ifopsilay smbvfslayeropaqu if oper
alredi made opaqu differ modul overrid overridden debugadd5 make oper type
opaqu modul sn opsityp vfsobject vfssetoperationconnvfsopaqu opsityp handl
opsiop',
'becom fit for lifebecom fit for life high complex molecul produc anterior lobe
pituitari gland locat base brain while stimul growth children import maintain
healthi bodi composit wellb adult it primari hormon control mani bodi organ
stimul tissu repair brain function cell replac enzym function determin level
igf1 insulin growth factor measur hgh bodi receiv younger futur high life becom
fit for life high complex molecul produc anterior lobe pituitari gland locat base
brain while stimul growth children import maintain healthi bodi composit wellb
adult it primari hormon control mani bodi organ stimul tissu repair brain
function cell replac enzym function determin level igf1 insulin growth factor
measur hgh bodi receiv younger futur high life ',
'everyth ok usconsent sound happi voic come acrossso shouldnt rude say shantbab
betti speak feel fanci wall must done pyramu woo thisbeon feel awkward compani
everybodi els doingi jest went grub gardin made hay walk strang much look gestur
betray unexpect power passion secretram hat firmlu ben like flash tingl allnot
romant stori interest gladgener thing bell power like stack pamphlet chair near
hospit wavea young sculptor husband beauti never dreamednev answer polli tone
calm despair littl bootblack knew american stood said littl bootblack knew
american stood saidand lock side heavi slab rock proveda could well help capit
done thedid boy ever forgiv carri sleep girl prettytaken unhurt though mani
speechless laughter thew even prove mother go let away column butcher baker book
till tip modestli began see certain defect theto hercul distaff find employ

```

pleasanta bid must stay nightto settl got entir satisfactori place broad woodbin  
 leaf flutteringit said polli shut one eye look offendinga curiou express italian  
 part natur teddi throne belongsar fond travel think would veryasof wind came  
 breath faroff music like woo older stronger tie help himno thank younanc stop  
 drugstore3f truth even hannah said would think though back mont blanc pailpolli  
 paus sever keen eye discoveredh safe home 4 ilik tri kind curiou trytemmatina  
 taltental mustnt touch hair kill witch east triumphant air never doubt firston  
 knee acut pang regret power hadi absent templat effort clever littleseem differ  
 race creaturesno time drawin illssuff silenc know somethinga gestur made littl  
 chair safe homelettyit econom crisi asia last yearthem day grew dark nightsaw  
 chang spoke ofmr consent sound happi voic come acrossso shouldnt rude say  
 shantbab betti speak feel fanci wall must done pyramu woo thisbe\xa0\xa0on feel  
 awkward compani everybodi els doing\xa0\xa0i jest went grub gardin made hay walk  
 strang much\xa0\xa0\xa0\xa0\xa0\xa0\xa0 look gestur betray unexpect  
 power passion secretram hat firmlu ben like flash tingl allnot romant stori  
 interest gladgener thing bell power like stack pamphlet chair near hospit  
 wave\xa0\xa0a young sculptor husband beauti never dreamed\xa0\xa0nev answer  
 polli tone calm despair littl bootblack knew american stood  
 said\xa0\xa0\xa0\xa0\xa0\xa0\xa0 littl bootblack knew american stood  
 saidand lock side heavi slab rock proveda could well help capit done thedid boy  
 ever forgiv carri sleep girl pretty\xa0\xa0taken unhurt though mani speechless  
 laughter the\xa0\xa0w even prove mother go let away column butcher baker book  
 till she\xa0\xa0\xa0\xa0\xa0\xa0\xa0 tip modestli began see certain  
 defect theto hercul distaff find employ pleasanta bid must stay nightto settl  
 got entir satisfactori place broad woodbin leaf fluttering\xa0\xa0it said polli  
 shut one eye look offending\xa0\xa0a curiou express italian part natur  
 teddy\xa0\xa0\xa0\xa0\xa0\xa0\xa0 throne belongsar fond travel think  
 would veryasof wind came breath faroff music like woo older stronger tie help  
 him\xa0\xa0no thank you\xa0\xa0nanc stop drugstore3f truth even hannah said  
 would think though\xa0\xa0\xa0\xa0\xa0\xa0\xa0 back mont blanc  
 pail\xa0\xa0\xa0\xa0a polli paus sever keen eye discoveredh safe home\xa0\xa0 4  
 ilik tri kind curiou try\xa0\xa0\xa0\xa0\xa0temmatina taltental mustnt touch  
 hair just\xa0\xa0 kill witch east and\xa0\xa0\xa0\xa0 triumphant air never doubt  
 firston knee acut pang regret power had\xa0\xa0\xa0\xa0i absent template\xa0\xa0a  
 effort clever littleseem differ race creatures\xa0\xa0no time drawin ill\xa0suff  
 silenc know something\xa0\xa0a gestur made littl chair safe  
 homeletty\xa0\xa0\xa0\xa0it econom crisi asia last yearthem day grew dark  
 night\xa0\xa0\xa0saw chang spoke ofmr',

'slow mous cursorthank post same issu a dell inspiron 3800 past line reload  
 xorg work to unsubscrib email debianlaptoprequestlistsdebianorg subject  
 unsubscrib troubl contact listmasterlistsdebianorg',

'what time okayim bethwond time gener smashupa tommy shook fist whole parti  
 wrath declar mrsthey left nomeclust grace littl vase piano practic everyday  
 stool old ladi feet sat polli look intent face andi thatto fast asleep last corn  
 firmlu clasp chubby hand bundlingin red ink buttercup made comfort stall boy  
 sent roomsmr juno said jove whose arm clung trudg home along they uncl suppos  
 dog come hop wall last time summon last time summoni tri gambl wasnt good meon

poke open red eye appear beeri voic said suddenli rememb doubt even kind say  
 nowth bad live condit homeless though somemarch jenni grate servic affection eye  
 confirm purpos snort charli rear straight deposit dan groundplacid gentleman  
 seem entir unconsci iniquitiesth maneuv succeed well shethat moment dream put  
 grow girl rememb sensibl girl said old ladyatmospher appreci love confid fond  
 much term grossyou dan better lose life soul one passionit want find someth els  
 theresfeel festiv eleg lauri went box meg could maryy good tofelt last leaf fold  
 back golden heart lay therewouldnt matter remark educ wogglebug cant getmak fun  
 horn owl big big eagl eatsbob water said child dr alec comicwer gone lure everi  
 day long drive behind blackcricket boy want great gate open right father name  
 secur promis pooril wager anyth said charli rest strongli inclin tonev stop till  
 reach hope fanci untold horror put head nooh mother singl one3f cri willthat  
 sensibl suggestionto fear pursuit old witch moreov turn first intoin vain tri  
 get look safe place hide matti bob water said child ato time place unromant  
 dinner bell warn awayof keen eye took arm whisper rough cheek soul taught see  
 sign hope hard face aboutsom playmat prank much impress mysteri sneezemak prepar  
 start upon journey suppos im bethwond time gener smashupa tommy shook fist whole  
 parti wrath declar mrs\x0they left nome\x0\x0clust grace littl vase piano  
 practic everyday \x0\x0\x0\x0\x0\x0\x0\x0\x0 stool old ladi feet sat  
 polli look intent face andi thatto fast asleep last corn firmlly clasp chubby  
 hand bundlingin red ink buttercup made comfort stall boy sent rooms\x0\x0mr  
 juno said jove whose arm clung trudg home along the\x0\x0y uncl suppos dog  
 come hop wall last time summon\x0\x0\x0\x0\x0\x0\x0\x0\x0 last time  
 summoni tri gambl wasnt good meon poke open red eye appear beeri voic said  
 suddenli rememb doubt even kind say now\x0\x0th bad live condit homeless  
 though some\x0\x0march jenni grate servic affection eye confirm  
 purpose\x0\x0\x0\x0\x0\x0\x0\x0\x0 snort charli rear straight deposit  
 dan groundplacid gentleman seem entir unconsci iniquitiesth maneuv succeed well  
 shethat moment dream put grow girl in\x0\x0to rememb sensibl girl said old  
 lady\x0\x0atmospher appreci love confid fond  
 much\x0\x0\x0\x0\x0\x0\x0\x0\x0 term grossyou dan better lose life soul  
 one passionit want find someth els theresfeel festiv eleg lauri went box meg  
 could mary\x0\x0y good to\x0\x0felt last leaf fold back golden heart lay  
 or\x0\x0\x0\x0\x0\x0\x0\x0\x0 therewouldnt matter remark educ wogglebug  
 cant get\x0\x0\x0\x0\x0mak fun horn owl big big eagl eatsbob water said child  
 a\x0\x0 dr alec comicwer gone lure everi day long drive behind  
 black\x0\x0\x0\x0\x0\x0cricket boys\x0\x0 want great gate  
 opened\x0\x0\x0\x0\x0 right father name secur promis pooril wager anyth said  
 charli rest strongli inclin to\x0\x0\x0\x0\x0nev stop till reach hopes\x0\x0\x0  
 fanci untold horror put head nooh mother singl one3f cri will\x0\x0that  
 sensibl suggestion\x0to fear pursuit old witch moreov turn first into\x0\x0in  
 vain tri get look safe place hide matti bob water said child ato time place  
 unromant dinner bell warn away\x0\x0\x0\x0\x0of keen eye took arm whisper rough  
 cheek soul taught see sign hope hard face aboutsom playmat prank much impress  
 mysteri sneeze\x0\x0\x0\x0mak prepar start upon journey suppos',  
 'gener ciali qualiti splendidlinon d potteron buy carepet sponsor link demo  
 analyt demo cogno sap industri sapcom achiev goal style definit pmsonorm

limsonorm divmsonorm margin0cm marginbottom0001pt fontsize120pt fontfamilytim  
new roman alink spanmsohyperlink colorblu text-decoration:underline a visit  
spanmsohyperlinkfollow colorpurpl text-decoration:underline spanemailstyle17  
msostyletypepersonalcompos fontfamilyari colorwindowtext page section1  
size5953pt 8419pt margin20cm 425pt 20cm 30cm divsection1 page section1 linon d  
potteron buy carepet sponsor link demo analyt demo cogno sap industri sapcom  
achiev goal',

'what erectil dysfunct edwhat erectil dysfunct ed erectil dysfunct sometim  
refer impot inabl sexual activ male obtain sustain erect sexual purpos in past  
embarrass men sourc anxieti partner fact littl diagnost test treatment avail  
recentlybut problem gone viagra buy viagra onlin store what erectil dysfunct ed  
erectil dysfunct sometim refer impot inabl sexual activ male obtain sustain  
erect sexual purpos in past embarrass men sourc anxieti partner fact littl  
diagnost test treatment avail recentlybut problem gone viagrabuy viagra onlin  
store',

'what erectil dysfunct edwhat erectil dysfunct ed erectil dysfunct sometim  
refer impot inabl sexual activ male obtain sustain erect sexual purpos in past  
embarrass men sourc anxieti partner fact littl diagnost test treatment avail  
recentlybut problem gone viagra buy viagra onlin store what erectil dysfunct ed  
erectil dysfunct sometim refer impot inabl sexual activ male obtain sustain  
erect sexual purpos in past embarrass men sourc anxieti partner fact littl  
diagnost test treatment avail recentlybut problem gone viagrabuy viagra onlin  
store',

'we accept loan requestthank loan request reciev yesterday refin applic accept  
good credit not we readi give 384000 loan review lender establish lowest monthli  
payment approv process take 1 minut pleas visit confirm link fillout short 30  
second secur webform <http://cotkoncdyflavourzcom>',

'usa missl strike iran war start',

'think helpcompani high announc maid bowingw need anso much fellowwork  
curtainsh nicest boy world neverbeast fear would order made disturb serv crimea  
seem regard dilapid brother papa life wont failur saidat dinner forgot said beth  
put jo topsyturvi basketeloqu one suffer escap made deep impressionthen other  
john good exampl soul chines chines woke paralysisand half pleas energet  
measuresan air relief want someon help wear one suit cloth gave wear one suit  
cloth gave outdim dust wornsoon heard friendli critic pass upon careercut tree  
rail remind sailor boy courtyard game interrupt abrupt entranc ofwhen littl  
piano ami mind nice taketh best peopl often come alon old gentleman sure passeng  
stay huddl dark cabin youth gay dress gilt earringswhat happen first sat dazed  
got seeill point say there model lad strip emerald green oz fanci make balloonup  
poke book hand rod fellthat need lesson patienc sweetli taught like know john  
firmli establish bottl june rain water maid tell betterund guileless girlish  
pretti charmingwip damp forehead look deep compassionh hat la lauri away went jo  
feel like shorn sheep readier open heart thanfanc help think bride dress  
withbutt sunder heart patient though way mine great honor motherland probabl  
someoney cant miss itread father bookswith uncl alec slip fear new terror like  
old one seventeenov door sat stare compani withf sing american song passerbi  
invitingli rock disappear crowd five ten fifteen minutesi cant go till applefe

late3f ask dorothi friend dearest peopl shebrought fresh log gloriousbut  
superior one favoritesfrom world nurs wound uncl alec slippeddo us soon got back  
theleav anoth line spark among men word gohav laugh till spectacl flewth devot  
baron heart contentsur never long journey compani high announc maid bowingw need  
anso much fellowwork curtains\xa0\xa0h nicest boy world never\xa0\xa0beast fear  
would order made disturb serv crimea seem regard  
dilapidated\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0 brother papa life wont failur  
saidat dinner forgot said beth put jo topsyturvi basketeloqu one suffer escap  
made deep impressionthen other john good exampl soul chines chines woke  
paralysis\xa0\xa0and half pleas energet measures\xa0\xa0an air relief want  
someon help wear one suit cloth gave out\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0  
wear one suit cloth gave outdim dust wornsoon heard friendli critic pass upon  
careercut tree rail remind sailor boy courtyard game interrupt abrupt entranc  
of\xa0\xa0when littl piano ami mind nice take\xa0\xa0th best peopl often come  
alon old gentleman sure passeng stay huddl dark  
cabin\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0 youth gay dress guilt earringswhat  
happen first sat dazedi got seeill point say there model lad strip emerald green  
oz fanci make balloon\xa0\xa0up poke book hand rod fell\xa0\xa0that need lesson  
patienc sweetli taught like know john firml establish  
in\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0 bottl june rain water maid tell betterund  
guileless girlish pretti charmingwip damp forehead look deep compassionh hat la  
lauri away went jo feel like shorn sheep readier open heart than\xa0\xa0fanc  
help think bride dress with\xa0\xa0butt sunder heart patient though way mine  
for\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0\xa0 great honor motherland probabl someoney  
cant miss it\xa0\xa0\xa0\xa0read father bookswith uncl alec slipped\xa0\xa0fear  
new terror like old one seventeenov door sat stare compani  
with\xa0\xa0\xa0\xa0\xa0of sing american song\xa0\xa0passerbi  
invitingly\xa0\xa0\xa0\xa0rock disappear crowd five ten fifteen minutesi cant  
go till apple\xa0\xa0\xa0\xa0feed\xa0\xa0late3f ask dorothi friend dearest  
peopl she\xa0\xa0brought fresh log glorious\xa0but superior one  
favorites\xa0\xa0from world nurs wound uncl alec slippeddo us soon got back  
the\xa0\xa0\xa0\xa0leav anoth line spark among men word gohav laugh till  
spectacl flew\xa0\xa0\xa0th devot baron heart contentsur never long journey',  
'know access cashto remov advertis follow advertis remov instruct remov  
rewardgalaxi program either repli email click rewardgalaxi 334 cornelia st 313  
plattsburgh ny 12901 12t7lvuat5ruwaaxr8lh5a7jyy8t5714342',  
'israel just have start world war iii',  
'best love drg best store',  
'she want better sex all need']

## Aplicamos la vectorización a los datos

```
[20]: vectorizer = CountVectorizer()
      X_train = vectorizer.fit_transform(X_train)
```

```
[21]: print(X_train.toarray())
      print("\nFeatures:", len(vectorizer.get_feature_names_out()))
```

```

[[0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 ...
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]]

```

Features: 4987

```

[22]: import pandas as pd

pd.DataFrame(X_train.toarray(), columns=[vectorizer.get_feature_names_out()])

```

```

[22]:      0000 000000 00085 002 003 00450 009 01 01000u 0107 ... ööööööööö ö¹ öð \
0      0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
1      0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
2      0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
3      0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
4      0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
..      ...      ...      ..      ..      ...      ..      ...      ...      ...      ...
95     0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
96     0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
97     0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
98     0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0
99     0      0      0 0 0 0      0 0 0      0 0 ...      0 0 0

```

```

      ööööµæ öø³ðµ öþ ö^ úàí þíñòµ¼ šè
0      0      0 0 0 0      0      0 0
1      0      0 0 0 0      0      0 0
2      0      0 0 0 0      0      0 0
3      0      0 0 0 0      0      0 0
4      0      0 0 0 0      0      0 0
..      ...      ...      ..      ..      ...      ..
95     0      0 0 0 0      0      0 0
96     0      0 0 0 0      0      0 0
97     0      0 0 0 0      0      0 0
98     0      0 0 0 0      0      0 0
99     0      0 0 0 0      0      0 0

```

[100 rows x 4987 columns]

```

[23]: y_train

```

```

[23]: ['spam',
       'ham',
       'spam',
       'spam',

```

[illegible]



[illegible]

```
'spam',  
'spam']
```

Entrenamiento del algoritmo de regresión logística con el conjunto de datos preprocesado

```
[24]: from sklearn.linear_model import LogisticRegression  
  
clf = LogisticRegression()  
clf.fit(X_train, y_train)
```

```
[24]: LogisticRegression()
```

#### 1.1.5 4. Predicción

##### Lectura de un conjunto de correos nuevos

```
[25]: # Leemos 150 correos de nuestro conjunto de datos y nos quedamos únicamente con  
      ↪ los 50 últimos  
      # Estos 50 correos electrónicos no se han utilizado para entrenar el algoritmo  
X, y = create_prep_dataset("datasets/trec07p/full/index", 150)  
X_test = X[100:]  
y_test = y[100:]
```

Parsing email: 150

##### Preprocesamiento de los correos con el vectorizador creado anteriormente

```
[26]: X_test = vectorizer.transform(X_test)
```

##### Predicción del tipo de correo

```
[27]: y_pred = clf.predict(X_test)  
y_pred
```

```
[27]: array(['spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'spam', 'spam', 'ham', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'ham', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
         'spam'], dtype='<U4')
```

```
[28]: print("Predicción:\n", y_pred)  
      print("\nEtiquetas reales:\n", y_test)
```

Predicción:

```
['spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam'  
 'ham' 'spam' 'spam' 'spam' 'spam' 'spam' 'ham' 'spam' 'spam' 'spam'  
 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam'  
 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam'  
 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam' 'spam']
```

Etiquetas reales:

```
['spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
'spam', 'ham', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'ham', 'spam', 'spam',  
'spam', 'spam', 'spam', 'spam', 'ham', 'spam', 'spam', 'ham', 'spam', 'ham',  
'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam',  
'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam', 'spam']
```

### Evaluación de los resultados

```
[29]: from sklearn.metrics import accuracy_score  
  
print('Accuracy: {:.3f}'.format(accuracy_score(y_test, y_pred)))
```

Accuracy: 0.939

#### 1.1.6 5. Aumentando el conjunto de datos

```
[30]: # Leemos 12000 correos electrónicos  
X, y = create_prep_dataset("datasets/trec07p/full/index", 12000)
```

Parsing email: 12000

```
[31]: # Utilizamos 10000 correos electrónicos para entrenar el algoritmo y 2000 para  
      ↪ realizar pruebas  
X_train, y_train = X[:10000], y[:10000]  
X_test, y_test = X[10000:], y[10000:]
```

```
[32]: vectorizer = CountVectorizer()  
X_train = vectorizer.fit_transform(X_train)
```

```
[33]: clf = LogisticRegression()  
clf.fit(X_train, y_train)
```

```
[33]: LogisticRegression()
```

```
[34]: X_test = vectorizer.transform(X_test)
```

```
[35]: y_pred = clf.predict(X_test)
```

```
[36]: print('Accuracy: {:.3f}'.format(accuracy_score(y_test, y_pred)))
```

Accuracy: 0.988