**ISHANI SINGH**

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**LINK TO DATASET**:https://git.io/J0fjL

**NAME**:IAM\_Words.zip

**ABOUT:**

The IAM Handwriting Database contains forms of handwritten English text which can be used to train and test handwritten text recognizers and to perform writer identification and verification experiments.

The database was first published in [1] at the ICDAR 1999. Using this database an HMM based recognition system for handwritten sentences was developed and published in [2] at the ICPR 2000. The segmentation scheme used in the second version of the database is documented in [3] and has been published in the ICPR 2002. The IAM-database as of October 2002 is described in [4]. We use the database extensively in our own research, see publications for further details.

The database contains forms of unconstrained handwritten text, which were scanned at a resolution of 300dpi and saved as PNG images with 256 gray levels.

#--- words.txt ---------------------------------------------------------------#

#

# iam database word information

#

# format: a01-000u-00-00 ok 154 1 408 768 27 51 AT A

#

# a01-000u-00-00 -> word id for line 00 in form a01-000u

# ok -> result of word segmentation

# ok: word was correctly

# er: segmentation of word can be bad

#

# 154 -> graylevel to binarize the line containing this word

# 1 -> number of components for this word

# 408 768 27 51 -> bounding box around this word in x,y,w,h format

# AT -> the grammatical tag for this word, see the

# file tagset.txt for an explanation

# A -> the transcription for this word

#

a01-000u-00-00 ok 154 408 768 27 51 AT A

a01-000u-00-01 ok 154 507 766 213 48 NN MOVE

a01-000u-00-02 ok 154 796 764 70 50 TO to

a01-000u-00-03 ok 154 919 757 166 78 VB stop

a01-000u-00-04 ok 154 1185 754 126 61 NPT Mr.

a01-000u-00-05 ok 154 1438 746 382 73 NP Gaitskell

a01-000u-00-06 ok 154 1896 757 173 72 IN from

a01-000u-01-00 ok 156 395 932 441 100 VBG nominating

a01-000u-01-01 ok 156 901 958 147 79 DTI any

a01-000u-01-02 ok 156 1112 958 208 42 AP more

a01-000u-01-03 ok 156 1400 937 294 59 NN Labour

a01-000u-01-04 ok 156 1779 932 174 63 NN life

a01-000u-01-05 ok 156 2008 933 237 70 NNS Peers

a01-000u-02-00 ok 157 408 1106 65 70 BEZ is

a01-000u-02-01 ok 157 541 1118 72 54 TO to

a01-000u-02-02 ok 157 720 1114 113 63 BE be

a01-000u-02-03 ok 157 916 1136 281 46 VBN made

a01-000u-02-04 ok 157 1281 1117 80 59 IN at

a01-000u-02-05 ok 157 1405 1140 64 35 AT a

a01-000u-02-06 ok 157 1544 1115 339 96 NN meeting

a01-000u-02-07 ok 157 1936 1106 91 74 INO of

a01-000u-02-08 ok 157 2092 1121 302 65 NN Labour

a01-000u-03-00 err 156 430 1290 177 59 NPTS M Ps

a01-000u-03-01 err 156 705 1296 431 54 NR tomorrow

a01-000u-03-02 err 156 1154 1346 9 10 . .

a01-000u-03-03 err 156 1269 1292 320 68 NPT Mr.

a01-000u-03-04 err 156 1570 1297 252 56 NP Michael

a01-000u-03-05 err 156 1914 1292 190 63 NP Foot

a01-000u-03-06 err 156 2179 1300 134 57 HVZ has

a01-000u-04-00 ok 157 395 1475 153 71 VBN put

a01-000u-04-01 ok 157 616 1482 221 48 RP down

a01-000u-04-02 ok 157 891 1501 58 29 AT a