

Frequency of Digrams (two-character sequences) in File text1-encrypted.txt (1964 alphabetic characters, encrypted by substitution)

Row x , column y of the table below gives the relative frequency of the two-character sequence xy in the file `text1-encrypted.txt`. Specifically, it gives the number of occurrences of xy per 10,000 characters of text. Characters other than letters have been deleted, and upper and lower case letters have been treated as identical.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
B	0	25	46	5	25	0	5	102	0	10	61	20	15	0	0	5	10	46	15	41	51	97	15	10	0	10
C	0	25	0	5	20	10	0	31	25	56	102	133	10	10	0	5	0	25	36	0	51	66	15	10	5	0
D	0	0	5	0	0	0	10	10	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	5	41	0	25	5	5	61	0	0	10	5	0	0	0	46	5	61	0	0	10	31	0	0	0	5
F	0	10	5	0	0	0	0	46	0	15	5	0	0	0	10	0	15	15	0	5	0	25	0	0	0	0
G	0	0	41	0	0	0	10	250	5	0	15	5	0	0	0	0	5	92	0	0	20	31	0	0	0	5
H	0	148	25	0	46	20	15	41	66	71	163	76	41	15	0	25	5	102	15	0	102	61	138	51	0	20
I	5	5	20	10	0	0	41	31	10	10	0	0	0	0	0	0	5	25	0	0	31	87	0	0	0	0
J	0	5	56	0	5	5	0	87	15	76	5	0	0	0	0	5	20	76	0	41	15	36	31	0	0	5
K	0	10	92	5	15	5	20	51	41	25	36	10	0	0	10	31	20	87	10	20	219	51	15	15	0	15
L	0	5	15	0	10	0	5	66	25	0	46	5	0	5	0	5	5	36	61	20	92	46	107	15	0	10
M	0	0	5	0	0	0	0	66	0	0	0	0	0	0	0	0	0	5	0	0	0	10	0	0	0	0
N	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	5	10	0	0	0	0	0
O	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
P	0	25	0	0	0	0	15	41	0	31	15	0	0	0	0	0	0	31	0	0	10	31	0	0	0	0
Q	0	36	10	0	0	0	0	15	10	36	82	31	0	0	0	0	0	5	5	0	31	0	0	0	0	0
R	0	133	15	0	51	20	5	5	31	66	87	143	15	0	0	31	10	5	36	10	158	0	20	0	0	5
S	0	25	10	0	0	0	20	51	5	0	5	10	0	0	0	0	5	41	0	5	5	15	5	0	0	0
T	0	0	25	0	5	20	0	25	0	0	41	0	0	0	0	0	0	15	5	5	36	0	0	0	0	0
U	0	31	107	0	20	10	290	153	15	5	71	0	0	0	0	10	20	66	5	10	56	82	5	15	0	41
V	0	66	0	5	82	41	5	10	10	56	36	133	5	0	0	10	71	10	15	5	41	0	15	102	10	15
W	0	10	61	0	10	15	10	36	15	15	20	0	0	0	0	15	46	41	0	10	25	31	20	10	0	5
X	0	51	20	0	0	0	0	20	5	10	5	0	0	0	0	0	10	20	0	0	46	31	10	0	0	0
Y	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Z	0	0	36	0	0	0	20	25	0	0	0	5	0	0	0	0	0	36	0	0	5	10	0	0	0	0

The most common digrams are:

Digram	Frequency (per 10,000 chars)
UG	290
GH	250
KU	219
HK	163
RU	158
UH	153
HB	148
RL	143
HW	138
VL	133
CL	133
RB	133
UC	107
LW	107
HU	102
HR	102
VX	102
BH	102
CK	102
BV	97
LU	92
GR	92
KC	92
IV	87
JH	87
KR	87
RK	87

Digram	Frequency (per 10,000 chars)
QK	82
VE	82
UV	82
JJ	76
HL	76
JR	76
HJ	71
UK	71
VQ	71
VB	66
MH	66
RJ	66
HI	66
UR	66
CV	66
LH	66
LS	61
ER	61
EH	61
HV	61
BK	61
WC	61
JC	56
VJ	56
UU	56
CJ	56