AUTO REPAIRMAN TO CUSTOMER: "IF

YOU WANT, WE CAN FREEZE YOUR

CAR UNTIL FUTURE MECHANICS

DISCOVER A WAY TO REPAIR IT."

KDCY LQZKTLJKX CY MDBCYJQL: "TR

HYD FKXC, FQ MKX RLQQIQ HYDL

MKL DXCTW RDCDLQ JQMNKXTMB

PTBMYEQL K FKH CY LQZKTL TC."

A
B 3
C 8
D 7
E 1
F 3
G
H 3
I 1
J 3
K 10
L 10
M 6
N 1
O
P 1
Q 10
R 3
S
T 7
U
V
W 1
X 5
Y 7
Z 2

KDCY LQZKTLJKX CY MDBCYJQL: "TR

HYD FKXC, FQ MKX RLQQIQ HYDL

MKL DXCTW RDCDLQ JQMNKXTMB

PTBMYEQL K FKH CY LQZKTL TC."

A
B 3
C 8
D 7
E 1 .
F 3 .
G
H 3 .
I 1 .
J 3 .
K 10
L 10
M 6
N 1 .
O
P 1 .
Q 10
R 3 .
S
T 7
U
V 1 .
W 1 .
X 5
Y 7
Z 2 .

KDCY LQZKTLJKX CY MDBCYJQL: "TR

HYD FKXC, FQ MKX RLQQIQ HYDL

MKL DXCTW RDCDLQ JQMNKXTMB

PTBMYEQL K FKH CY LQZKTL TC."

A
B 3
C 8
D 7 #
E 1 .
F 3 .
G
H 3 .
I 1 .
J 3 .
K 10 #### V
L 10 ##
M 6 #
N 1 .
O
P 1 .
Q 10 ######## V
R 3 .
S
T 7 ### V
U
V
W 1 .
X 5
Y 7 #### V
Z 2 .

```
a         .a   .a              .              .
KDCY LQZKTLJKX CY MDBCYJQL: "TR

.     .a     .      a     .      .      .
HYD FKXC, FQ MKX RLQQIQ HYDL

 a            .    .          .      .a
MKL DXCTW RDCDLQ JQMNKXTMB

.        .      a .a.              .a
PTBMYEQL K FKH CY LQZKTL TC."
```

```
A
B  3
C  8
D  7   #
E  1   .
F  3   .
G
H  3   .
I  1   .
J  3   .
K  10  #### V
L  10  ##
M  6   #
N  1   .
O
P  1   .
Q  10  ######## V
R  3   .
S
T  7   ### V
U
V
W  1   .
X  5
Y  7   #### V
Z  2   .
```

```
  a         e.a   .a                    .e              .
KDCY LQZKTLJKX CY MDBCYJQL: "TR          A 3
                                         B 3
  .     .a      .e   a    . ee.e  .      C 8
HYD FKXC, FQ MKX RLQQIQ HYDL             D 7  #
                                         E 1  .
   a         . .       e .e .a           F 3  .
MKL DXCTW RDCDLQ JQMNKXTMB               G
                                         H 3  .
  .      .e   a .a.        e.a           I 1  .
PTBMYEQL K FKH CY LQZKTL TC."            J 3  .
                                         K 10 #### V
                                         L 10 ##
                                         M 6  #
                                         N 1  .
                                         O
                                         P 1  .
                                         Q 10 ######## V
                                         R 3  .
                                         S
                                         T 7  ### V
                                         U
                                         V
                                         W 1  .
                                         X 5
                                         Y 7  #### V
                                         Z 2  .
```

```
a        e.ao .a               .e      o.
KDCY LQZKTLJKX CY MDBCYJQL: "TR

.     .a      .e   a    . ee.e .
HYD FKXC, FQ MKX RLQQIQ HYDL

 a        o. .        e .e .a o
MKL DXCTW RDCDLQ JQMNKXTMB

.o     .e  a .a.        e.ao  o
PTBMYEQL K FKH CY LQZKTL TC."
```

human "language model"
doesn't like **ao** – back up!

A
B 3
C 8
D 7 #
E 1 .
F 3 .
G
H 3 .
I 1 .
J 3 .
K 10 #### V
L 10 ##
M 6 #
N 1 .
O
P 1 .
Q 10 ######## V
R 3 .
S
T 7 ### V
U
V
W 1 .
X 5
Y 7 #### V
Z 2 .

```
  a   o  e.a  .a   o        o.e                .
KDCY LQZKTLJKX CY MDBCYJQL: "TR

.o   .a      .e  a     .  ee.e  .o
HYD FKXC, FQ MKX RLQQIQ HYDL

  a          .  .        e .e .a
MKL DXCTW RDCDLQ JQMNKXTMB

.     o.e  a .a.  o   e.a
PTBMYEQL K FKH CY LQZKTL TC."
```

```
A 3
B 3
C 8
D 7   #
E 1   .
F 3   .
G
H 3   .
I 1   .
J 3   .
K 10  #### V
L 10  ##
M 6   #
N 1   .
O
P 1   .
Q 10  ######## V
R 3   .
S
T 7   ### V
U
V
W 1   .
X 5
Y 6   #### V
Z 2   .
```

a   o re.a r.a   o   o.e   f

KDCY LQZKTLJKX CY MDBCYJQL: "TR

.o   .a   .e a freeze .o r

HYD FKXC, FQ MKX RLQQIQ HYDL

 ar   . f re .e .a

MKL DXCTW RDCDLQ JQMNKXTMB

.   o.er a .a. o re.a r

PTBMYEQL K FKH CY LQZKTL TC."

A 3
B 3
C 8
D 7 #
E 1 .
F 3 .
G 3 .
H 3 .
I 1 .
J 3 .
K 10 #### V
L 10 ##
M 6 #
N 1 .
O
P 1 .
Q 10 ######## V
R 3 .
S
T 7 ### V
U
V
W 1 .
X 5
Y 6 #### V
Z 2 .

```
a  o  re.a r.a   o     o.e      f
```
KDCY LQZKTLJKX CY MDBCYJQL: "TR

```
.o  .a    .e  a  freeze .o r
```
HYD FKXC, FQ MKX RLQQIQ HYDL

```
 ar     . f   re .e .a
```
MKL DXCTW RDCDLQ JQMNKXTMB

```
.    o.er a .a.  o re.a r
```
PTBMYEQL K FKH CY LQZKTL TC."

```
frequent cipher letters:  Q L K C D T M I X
frequent English letters: e t o a n i r s h
```

A		
B	3	
C	8	
D	7	#
E	1	.
F	3	.
G		
H	3	.
I	1	.
J	3	.
K	10	#### V
L	10	##
M	6	#
N	1	.
O		
P	1	.
Q	10	######## V
R	3	.
S		
T	7	### V
U		
V		
W	1	.
X	5	
Y	6	#### V
Z	2	.

```
a no  re.air.a  no    no.e    if
KDCY LQZKTLJKX CY MDBCYJQL: "TR

.o  .an  .e  a  freeze .o r
HYD FKXC, FQ MKX RLQQIQ HYDL

 ar   ni. f n re .e .a i
MKL DXCTW RDCDLQ JQMNKXTMB

.i  o.er a .a. no re.air in
PTBMYEQL K FKH CY LQZKTL TC."
```

frequent cipher letters: ~~Q~~ ~~L~~ ~~K~~ C D T M ~~Y~~ X
frequent English letters: ~~e~~ t ~~o~~ ~~a~~ n i ~~r~~ s h

```
A
B 3
C 8
D 7    #
E 1    .
F 3    .
G 3
H 3    .
I 1    .
J 3    .
K 10   #### V
L 10   ##
M 6    #
N 1    .
O
P 1    .
Q 10   ######## V
R 3    .
S
T 7    ### V
U
V
W 1    .
X 5
Y 6    #### V
Z 2    .
```

a to re.air.a to   to.e   if

KDCY LQZKTLJKX CY MDBCYJQL: "TR

.o .at .e a freeze .o r

HYD FKXC, FQ MKX RLQQIQ HYDL

 ar   ti. f t re .e .a i

MKL DXCTW RDCDLQ JQMNKXTMB

.i o.er a .a. to re.air it

PTBMYEQL K FKH CY LQZKTL TC."

frequent cipher letters: Q L K C D T M Y X
frequent English letters: e t o a n i r s h

A		
B	3	
C	8	
D	7	#
E	1	.
F	3	.
G		
H	3	.
I	1	.
J	3	.
K	10	##### V
L	10	##
M	6	#
N	1	.
O		
P	1	.
Q	10	######### V
R	3	.
S		
T	7	### V
U		
V		
W	1	.
X	5	
Y	6	#### V
Z	2	.

a to repair.a to   to.e   if

KDCY LQZKTLJKX CY MDBCYJQL: "TR

.o .at .e a freeze .o r

HYD FKXC, FQ MKX RLQQIQ HYDL

 ar   ti. f t re .e .a i

MKL DXCTW RDCDLQ JQMNKXTMB

.i o.er a .a. to repair it

PTBMYEQL K FKH CY LQZKTL TC."

frequent cipher letters: Q̸ L̸ K̸ C̸ D T̸ M Y̸ X
frequent English letters: e̸ t̸ o̸ a n i̸ r̸ s h

A
B 3
C 8
D 7 #
E 1 .
F 3 .
G
H 3 .
I 1 .
J 3 .
K 10 #### V
L 10 ##
M 6 #
N 1 .
O
P 1 .
Q 10 ######## V
R 3 .
S
T 7 ### V
U
V
W 1 .
X 5
Y 6 #### V
Z 2 .

auto repairman to customer: if

KDCY LQZKTLJKX CY MDBCYJQL: "TR

you wait we can freeze your

HYD FKXC, FQ MKX RLQQIQ HYDL

car until future mechanics

MKL DXCTW RDCDLQ JQMNKXTMB

discover a way to repair it

PTBMYEQL K FKH CY LQZKTL TC."

```
A
B 3
C 8
D 7  #
E 1  .
F 3  .
G
H 3  .
I 1  .
J 3  .
K 10 #### V
L 10 ##
M 6  #
N 1  .
O
P 1  .
Q 10 ######## V
R 3  .
S
T 7  ### V
U
V
W 1  .
X 5
Y 6  #### V
Z 2  .
```

```
auto repairman to customer:  if
KDCY LQZKTLJKX CY MDBCYJQL: "TR

you wait  we can freeze your
HYD FKXC, FQ MKX RLQQIQ HYDL

car until future mechanics
MKL DXCTW RDCDLQ JQMNKXTMB

discover a way to repair it
PTBMYEQL K FKH CY LQZKTL TC."
```

```
A
B 3
C 8
D 7   #
E 1   .
F 3   .
G
H 3   .
I 1   .
J 3   .
K 10  #### V
L 10  ##
M 6   #
N 1   .
O
P 1   .
Q 10  ######## V
R 3   .
S
T 7   ### V
U
V
W 1   .
X 5
Y 6   #### V
Z 2   .
```

How could a machine do this?
That's classified!