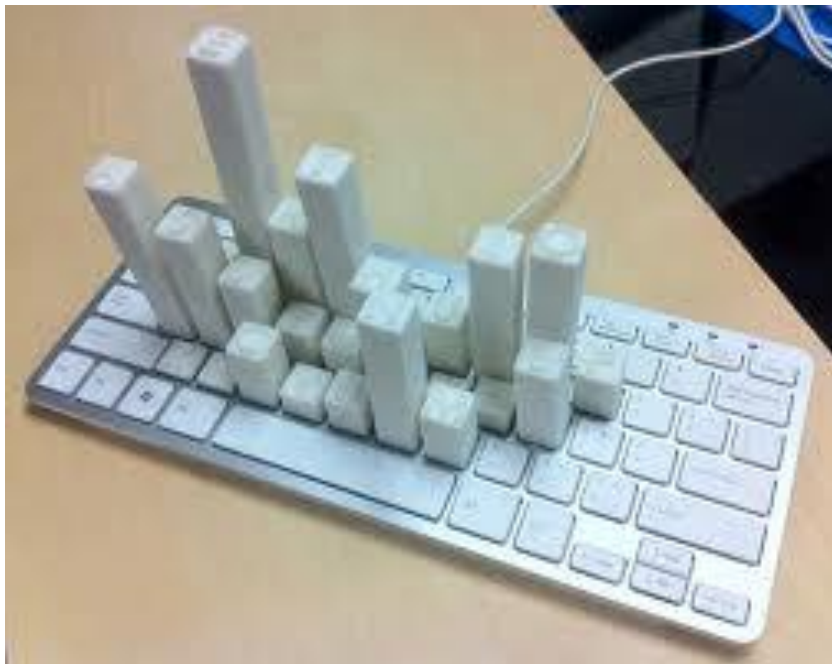# Representing Data
[1-Variable Statistics]

[Representing <u>continuous</u> data with *histograms* and <u>discrete </u>data with **bar graphs**]

Keyboard as a 3-D bar graph showing how frequently each letter is used. What type of data is this?

Cyphers: Did you know that simple substitution cyphers can be deciphered using a technique called "frequency analysis" to analyze encrypted text?

Learn more: http://substitution.webmasters.sk/simple-substitution-cipher.php