Descriptive statistics: various distributions
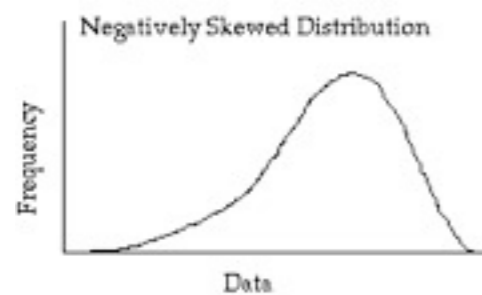
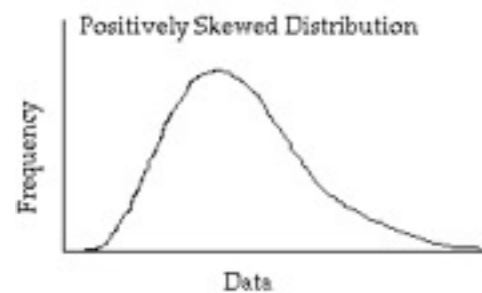**Ask Mish**

Normal Distribution

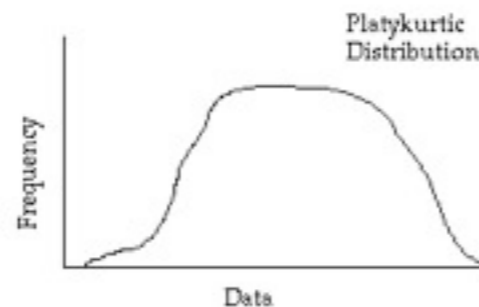## Asymmetric Distributions

Negatively Skewed Distribution

Xo<Md<Mo

Positively Skewed Distribution

Mo<Md<Xo

Kurtic Distributions

Leptokurtic Distribution

Platykurtic Distribution
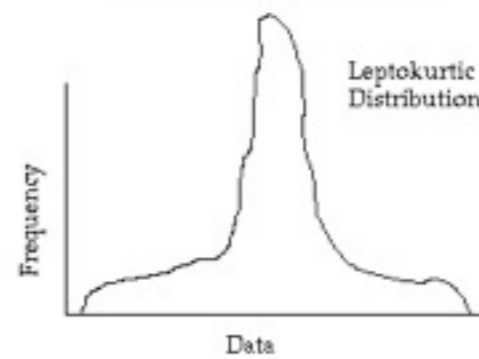
- ASYMMETRIC DISTRIBUTIONS:

- have a hump and a tail. If the tail is on negative side there is a negatively skewed distribution and if the tail is on positive side there is a positively skewed distribution. In both cases, mean is not equal to mode and is different from median.

- KURTIC DISTRIBUTIONS:

- LEPTOKURTIC: peaked

- PLATYKURTIC: flattened